Quantitation Report (Qedit)

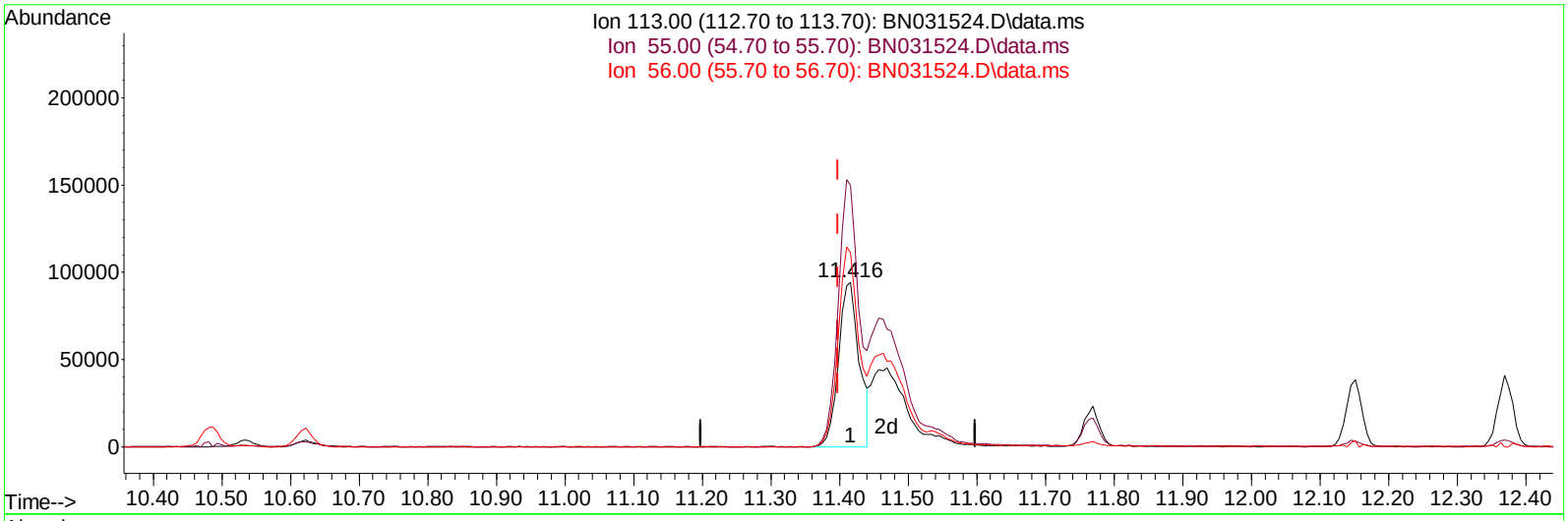
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051524\
Data File : BN031524.D
Acq On : 14 May 2024 14:32
Operator : MA/JU
Sample : SSTD04059
Misc :
ALS Vial : 5 Sample Multiplier: 1

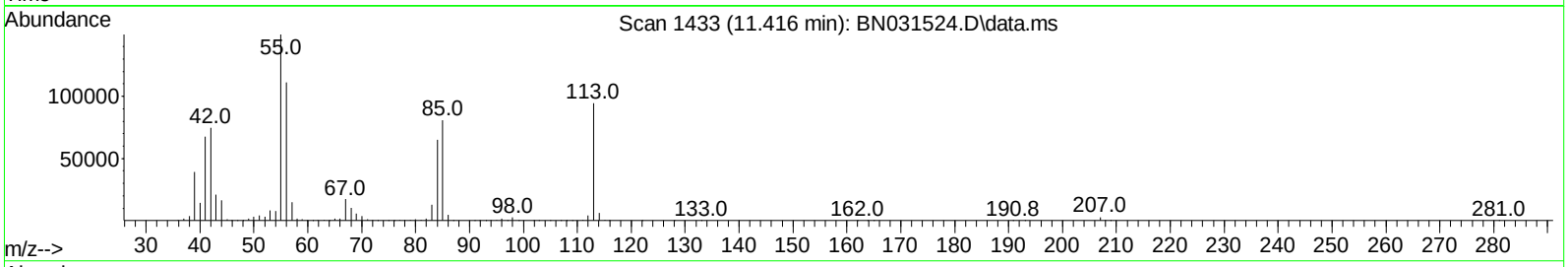
Quant Time: May 14 15:34:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 14 15:23:17 2024
Response via : Initial Calibration

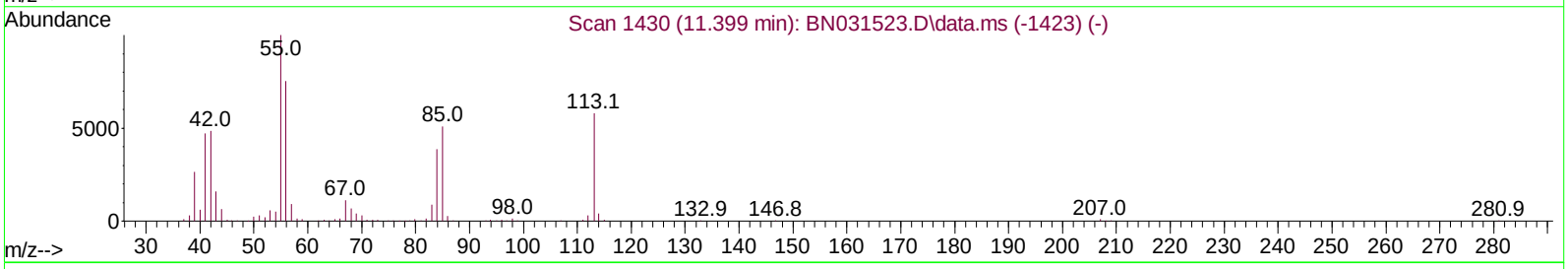
Instrument :
BNA_N
ClientSampleId :
SSTD040241

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024







TIC: BN031524.D\data.ms

(34) Caprolactam

11.416min (+ 0.018) 24.02 ng/ul

response 196162

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	158.67
56.00	130.40	117.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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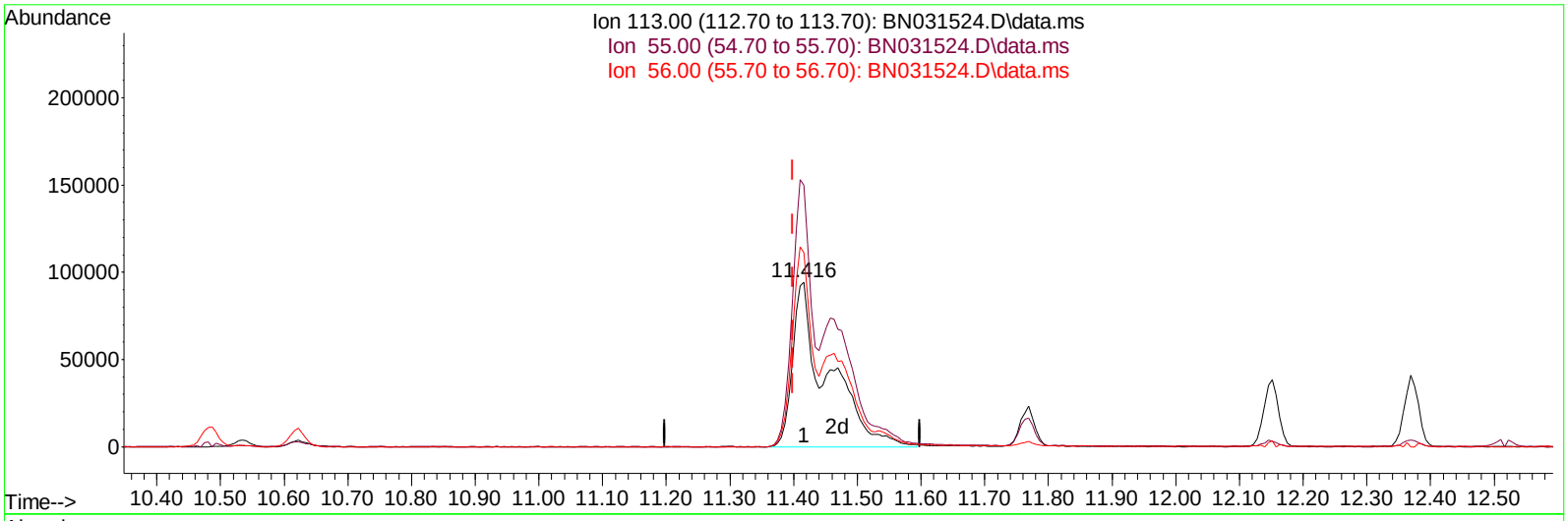

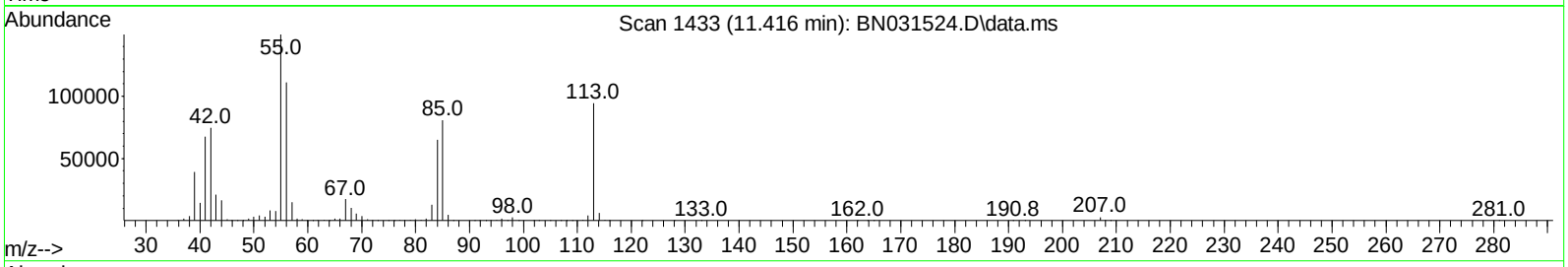

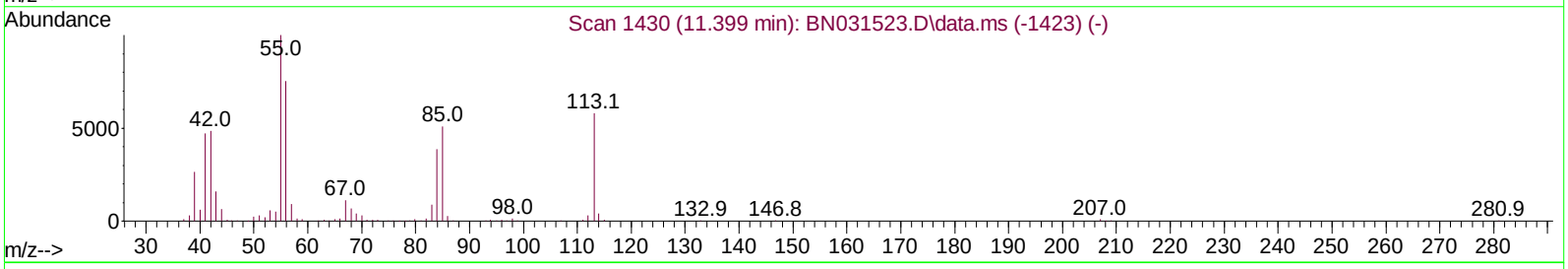

TIC: BN031524.D\data.ms

(34) Caprolactam

11.416min (+ 0.018) 43.95 ng/ul m

response 358879

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	158.67
56.00	130.40	117.77
0.00	0.00	0.00

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ClientSampleId :
SSTD040241

Manual IntegrationsAPPROVED

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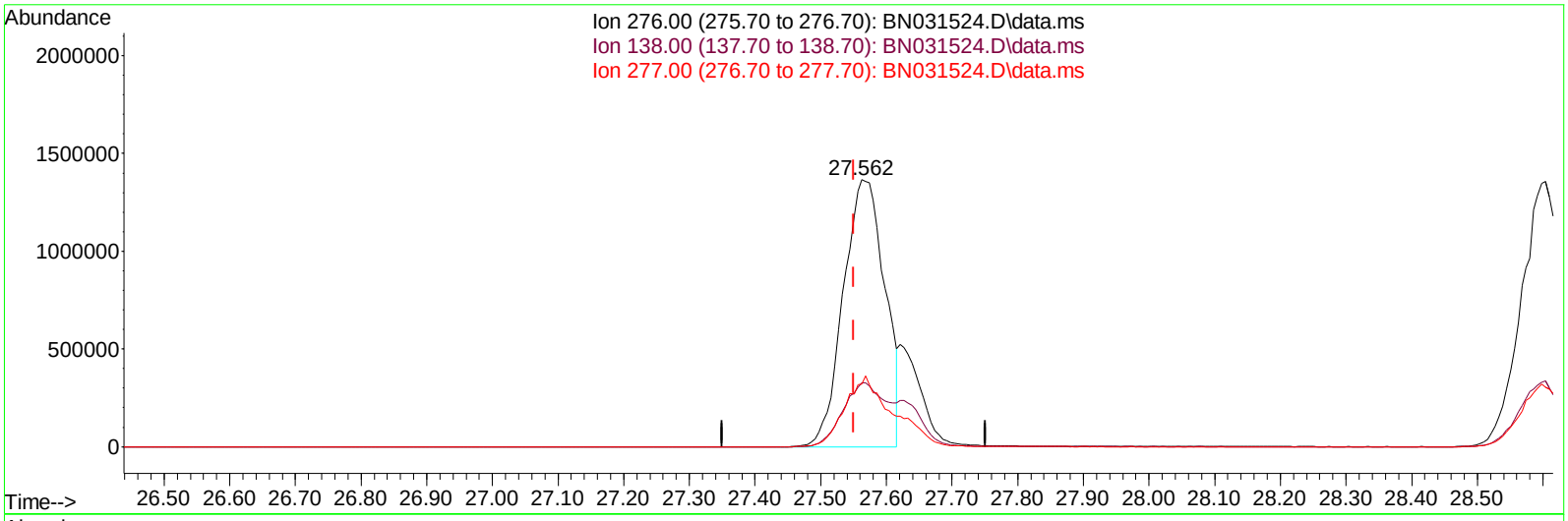

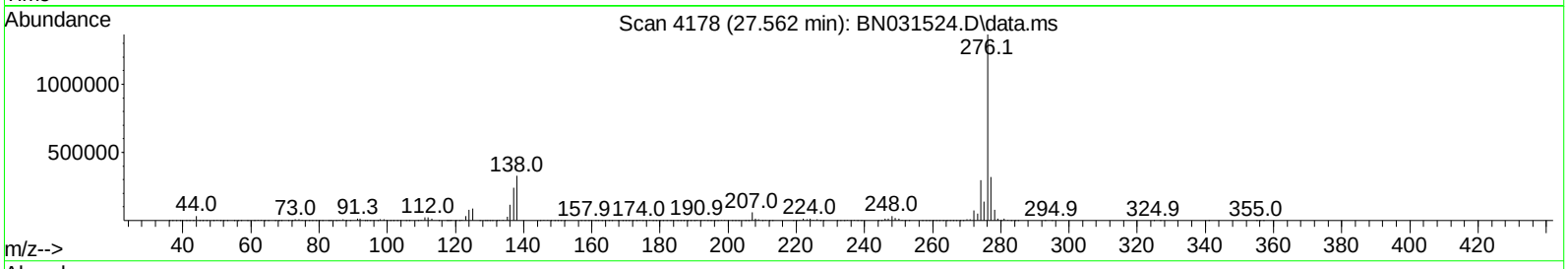

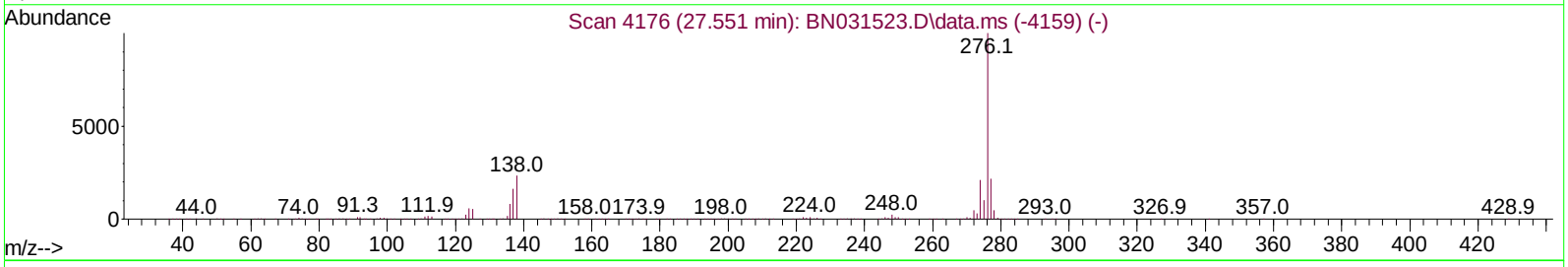

TIC: BN031524.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.562min (+ 0.012) 34.92 ng/ul

response 5978656

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	24.04
277.00	21.80	23.58
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : SSTD04059
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 14 15:34:59 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 14 15:23:17 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040241

Manual IntegrationsAPPROVED

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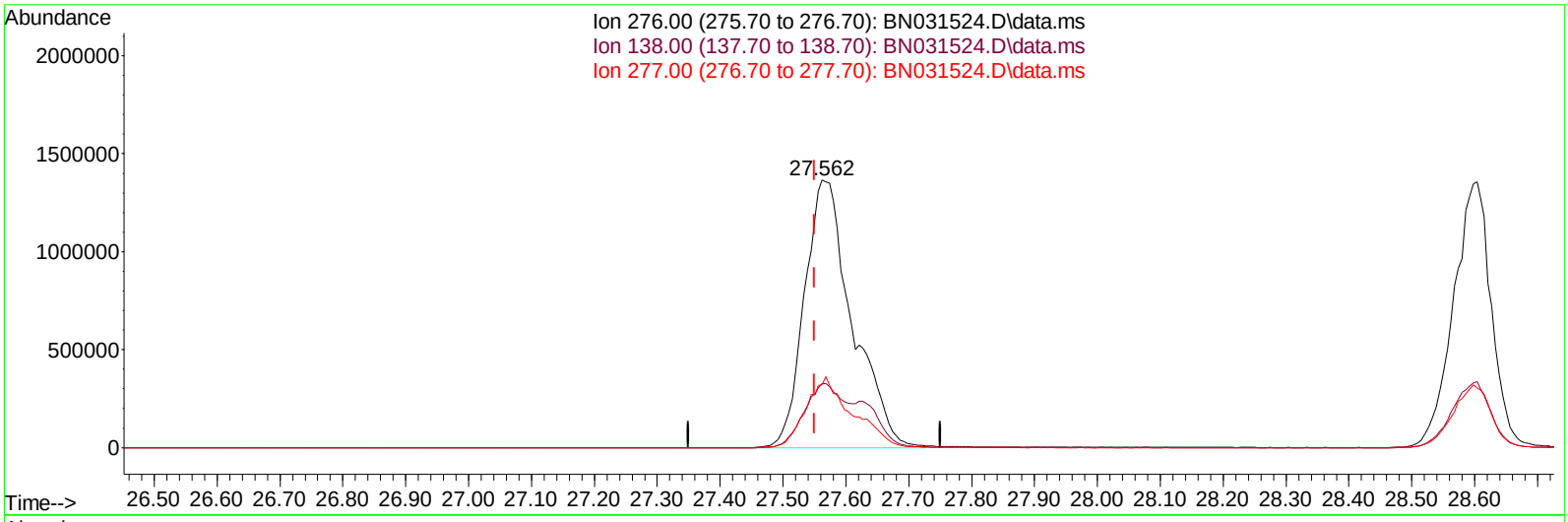
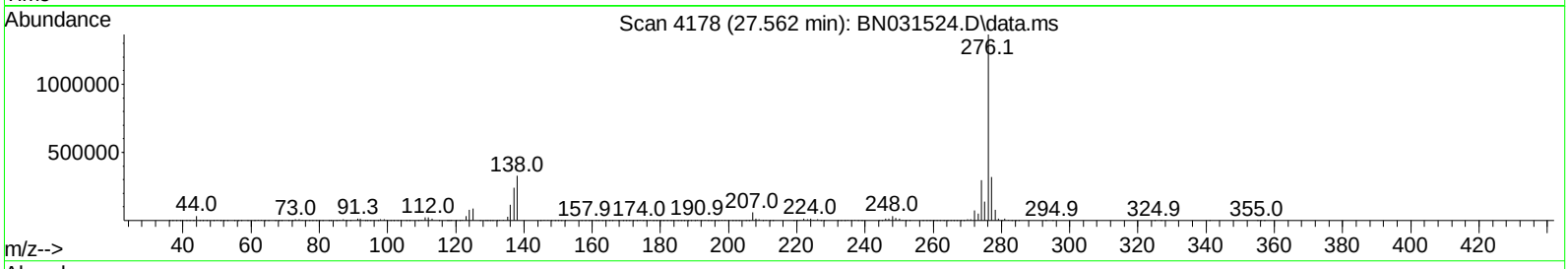
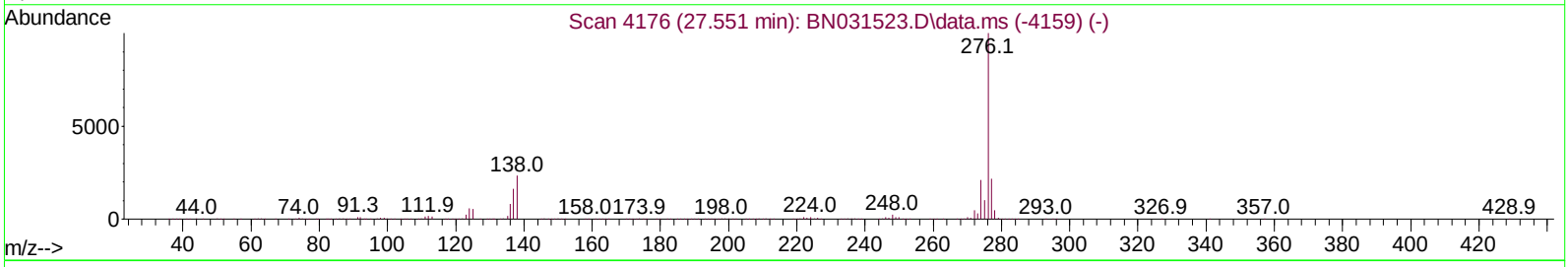
Supervised By :mohammad ahmed 05/17/2024







TIC: BN031524.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.562min (+ 0.012) 42.07 ng/ul m

response 7202431

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	24.04
277.00	21.80	23.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	400881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	1759883	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	1094645	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	2296633	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	2314950	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	2590160	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	155721	16.446	ng/uL	0.00
4) Pyridine-d5	3.605	84	1201347	47.482	ng/ul	0.00
7) Phenol-d5	6.863	99	1389763	44.522	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	897445	48.762	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	1002404	39.736	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	1065892	42.068	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	524822	40.682	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	418495	31.412	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	982501	38.555	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	1578784	43.032	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	2954071	38.455	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	3706515	42.851	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	579332	42.934	ng/ul	0.00
60) Fluorene-d10	15.334	176	2628440	41.121	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	335459	26.647	ng/ul	0.00
73) Anthracene-d10	17.181	188	4051349	40.874	ng/ul	0.00
81) Pyrene-d10	19.475	212	4868612	37.244	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.063	264	5117510	41.888	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	171280	17.942	ng/uL	97
5) Pyridine	3.622	79	1218732	47.673	ng/ul	98
6) Benzaldehyde	6.846	77	780156	50.888	ng/ul	99
8) Phenol	6.887	94	1453817	45.488	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.134	93	1210966	46.781	ng/ul	99
12) 2-Chlorophenol	7.263	128	1070068	40.299	ng/ul	98
13) 2-Methylphenol	8.134	108	1074748	44.164	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	1559427	52.391	ng/ul	99
16) Acetophenone	8.522	105	1812529	44.272	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.510	70	909393	44.857	ng/ul	97
18) 4-Methylphenol	8.463	108	1168324	44.605	ng/ul	98
19) Hexachloroethane	8.775	117	466375	39.676	ng/ul	99
22) Nitrobenzene	8.899	77	1369928	43.257	ng/ul	95
23) Isophorone	9.422	82	2661096	44.188	ng/ul	98
25) 2-Nitrophenol	9.604	139	486502	33.408	ng/ul	97
26) 2,4-Dimethylphenol	9.663	107	1174888	39.055	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	1636946	45.661	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	956823	37.900	ng/ul	98
30) Naphthalene	10.534	128	3684987	40.405	ng/ul	98
32) 4-Chloroaniline	10.646	127	1564383	43.898	ng/ul	99
33) Hexachlorobutadiene	10.816	225	612108	34.788	ng/ul	98
34) Caprolactam	11.416	113	358879m	43.953	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	1133625	38.739	ng/ul	99

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Operator : MA/JU
Sample : SSTD04059
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 14 15:38:15 2024
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SSTD040241

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.151	142	2494019	40.378	ng/ul	97
37) 1-Methylnaphthalene	12.369	142	2505752	40.724	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.516	216	1193930	39.354	ng/ul	99
40) Hexachlorocyclopentadiene	12.498	237	672487	34.355	ng/ul	97
41) 2,4,6-Trichlorophenol	12.763	196	707037	36.634	ng/ul	95
42) 2,4,5-Trichlorophenol	12.828	196	799644	38.050	ng/ul	99
43) 1,1'-Biphenyl	13.169	154	3187361	41.033	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	2486542	40.456	ng/ul	97
45) 2-Nitroaniline	13.416	65	741195	43.641	ng/ul	96
47) Dimethylphthalate	13.804	163	3047096	38.760	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	595661	38.905	ng/ul	98
50) Acenaphthylene	14.057	152	4116709	41.159	ng/ul	98
51) 3-Nitroaniline	14.245	138	643819	41.814	ng/ul	99
52) Acenaphthene	14.404	153	2716077	40.638	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	215446	25.121	ng/ul	96
55) 4-Nitrophenol	14.551	109	460987	34.217	ng/ul	95
56) Dibenzofuran	14.740	168	3708718	41.541	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	871186	39.413	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.957	232	593443	33.902	ng/ul	97
59) Diethylphthalate	15.175	149	3121841	38.461	ng/ul	99
61) Fluorene	15.387	166	2988353	40.385	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	1450389	39.809	ng/ul	98
63) 4-Nitroaniline	15.410	138	648913	46.468	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	372765	28.284	ng/ul#	97
67) N-Nitrosodiphenylamine	15.598	169	2570346	39.838	ng/ul	95
68) 4-Bromophenyl-phenylether	16.281	248	871776	38.427	ng/ul	99
69) Hexachlorobenzene	16.381	284	1011571	37.936	ng/ul	97
70) Atrazine	16.557	200	786851	37.703	ng/ul	94
71) Pentachlorophenol	16.728	266	543941	33.561	ng/ul	91
72) Phenanthrene	17.122	178	4827305	40.799	ng/ul	98
74) Anthracene	17.216	178	4825623	39.935	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.128	216	1195483	38.920	ng/uL	98
76) Pentachlorobenzene	14.651	250	1155122	37.974	ng/uL	94
77) Carbazole	17.486	167	4462256	42.543	ng/ul	96
78) Di-n-butylphthalate	18.063	149	5427879	39.304	ng/ul	99
80) Fluoranthene	19.139	202	5682543	36.351	ng/ul	100
82) Pyrene	19.504	202	6004600	36.597	ng/ul	98
83) Butylbenzylphthalate	20.416	149	2317112	34.152	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	1944711	45.973	ng/ul	94
85) Benzo(a)anthracene	21.298	228	6367453	41.116	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	3714243	37.956	ng/ul	99
87) Chrysene	21.357	228	5776240	39.745	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	6081558	36.109	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	6394398	41.748	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	6455811	42.164	ng/ul	98
93) Benzo(a)pyrene	24.121	252	6160699	43.320	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.562	276	7202431m	42.073	ng/ul	
95) Dibenzo(a,h)anthracene	27.633	278	5927052	41.575	ng/ul	98
96) Benzo(g,h,i)perylene	28.603	276	5669056	40.823	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
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