Quantitation Report (Qedit)

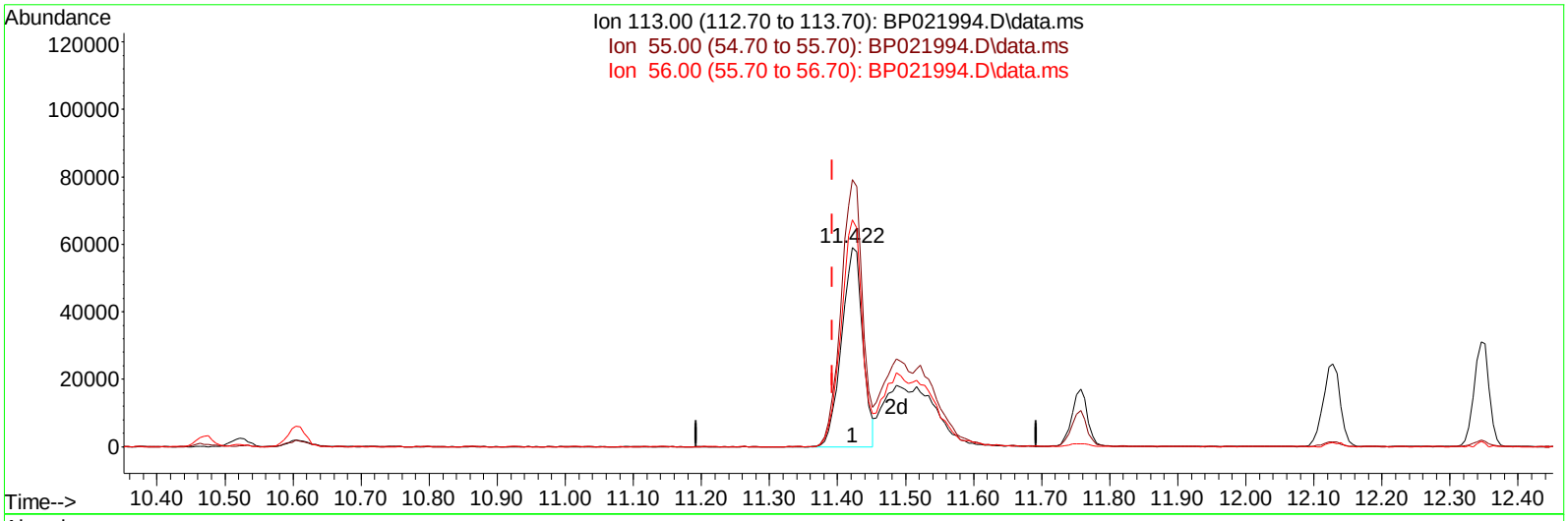
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP021994.D
Acq On : 24 Sep 2024 13:37
Operator : RC/JU
Sample : SSTD08041
Misc :
ALS Vial : 6 Sample Multiplier: 1

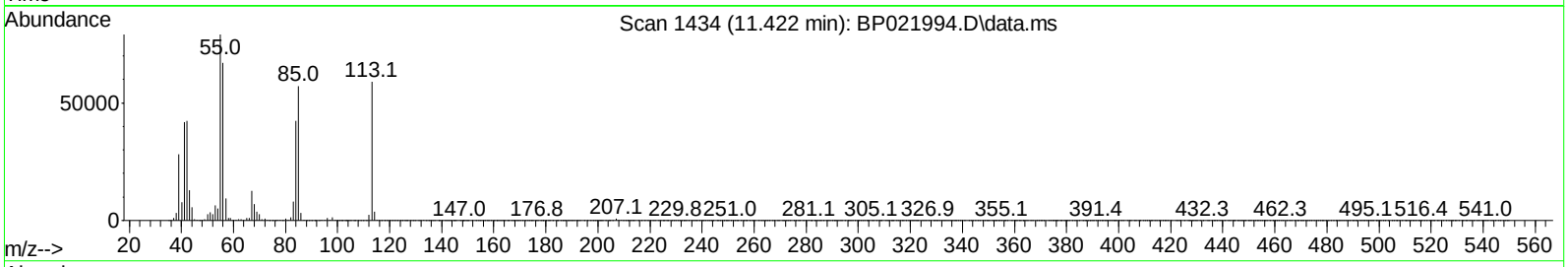
Quant Time: Sep 24 15:16:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:01:38 2024
Response via : Initial Calibration

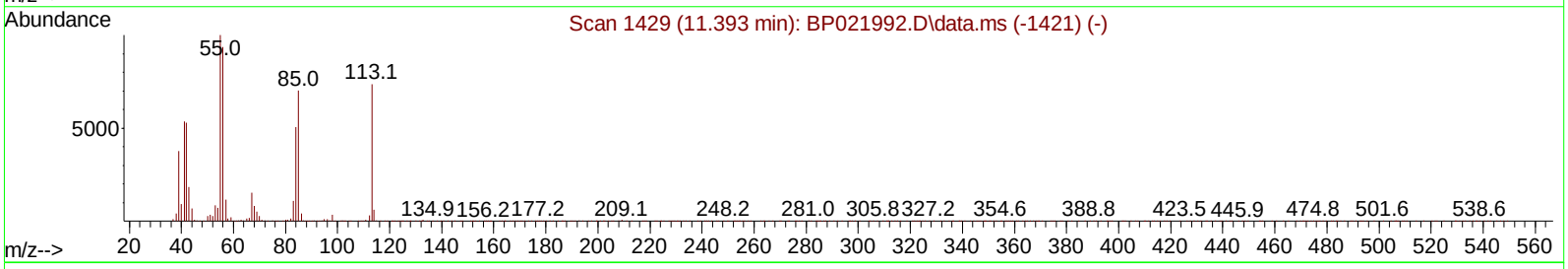
Instrument :
BNA_P
ClientSampleId :
SSTD080619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP021994.D\data.ms

(34) Caprolactam

11.422min (+ 0.029) 48.66 ng/ul

response 126885

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	133.92
56.00	127.30	113.67
0.00	0.00	0.00

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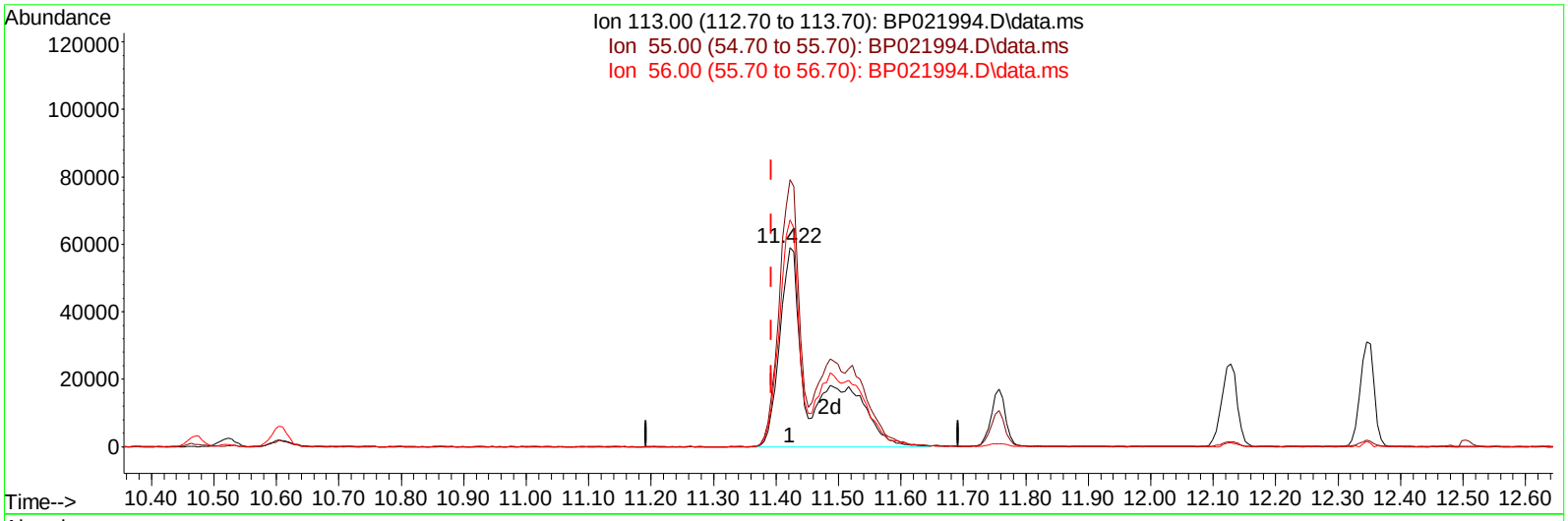

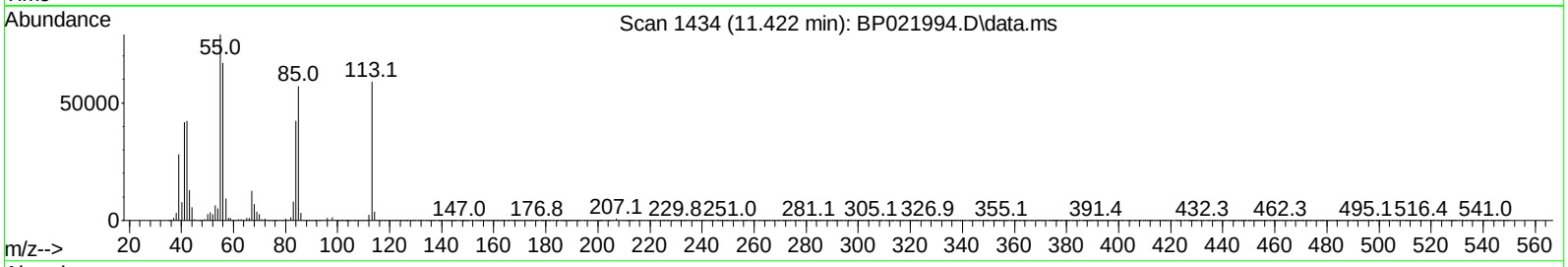

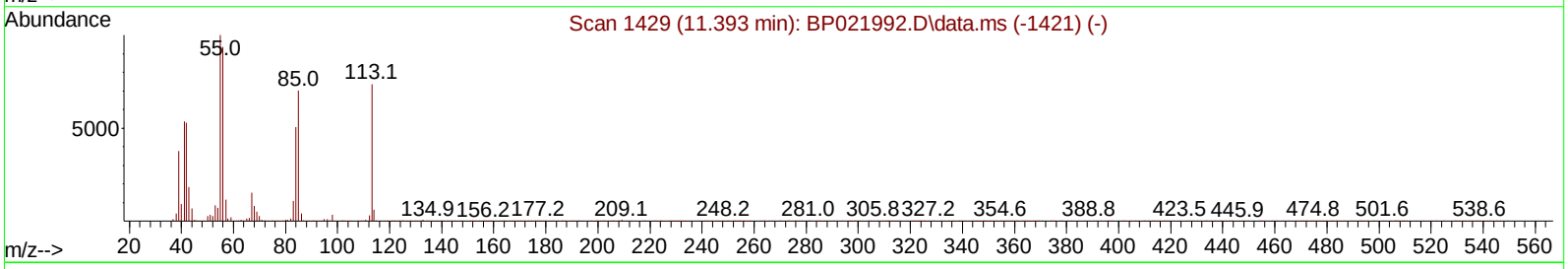

TIC: BP021994.D\data.ms

(34) Caprolactam

11.422min (+ 0.029) 86.14 ng/ul m

response 224613

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	133.92
56.00	127.30	113.67
0.00	0.00	0.00

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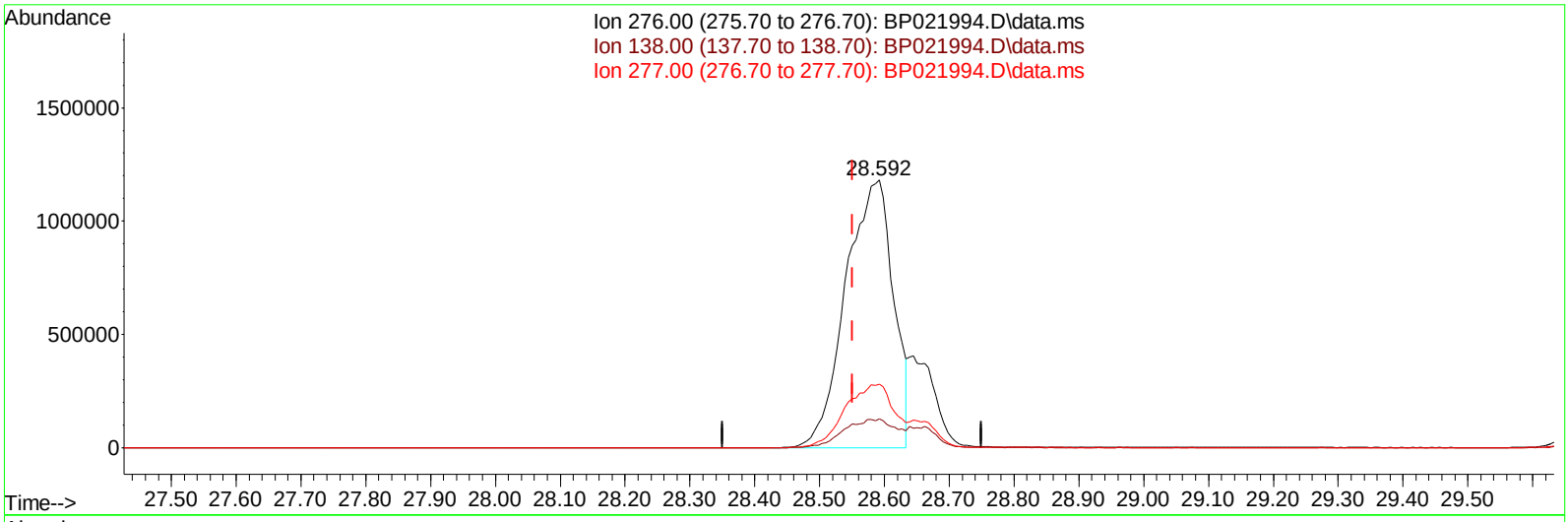

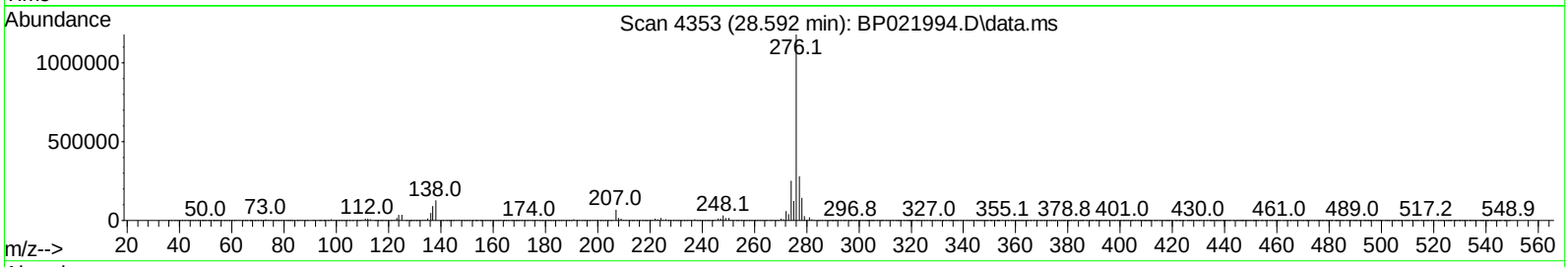

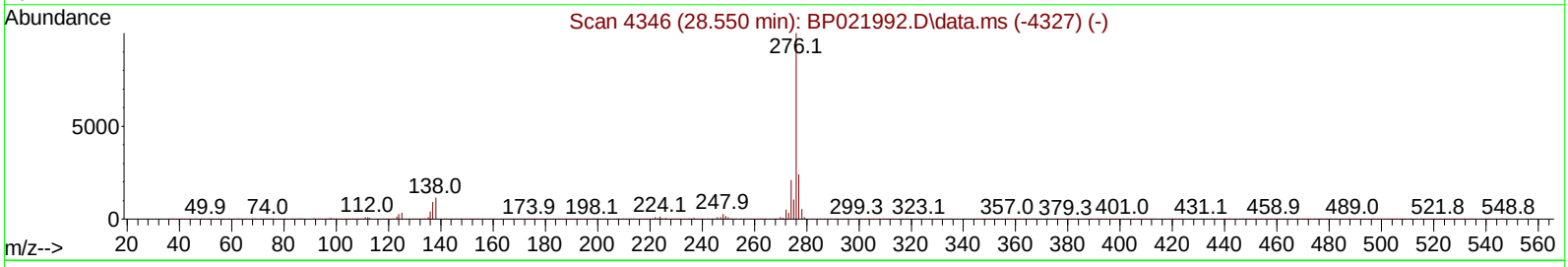

TIC: BP021994.D\data.ms

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

28.592min (+ 0.041) 70.56 ng/ul

response 5990751

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.82
277.00	24.20	23.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
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Operator : RC/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 24 15:16:39 2024
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Quant Title : SVOA CALIBRATION
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BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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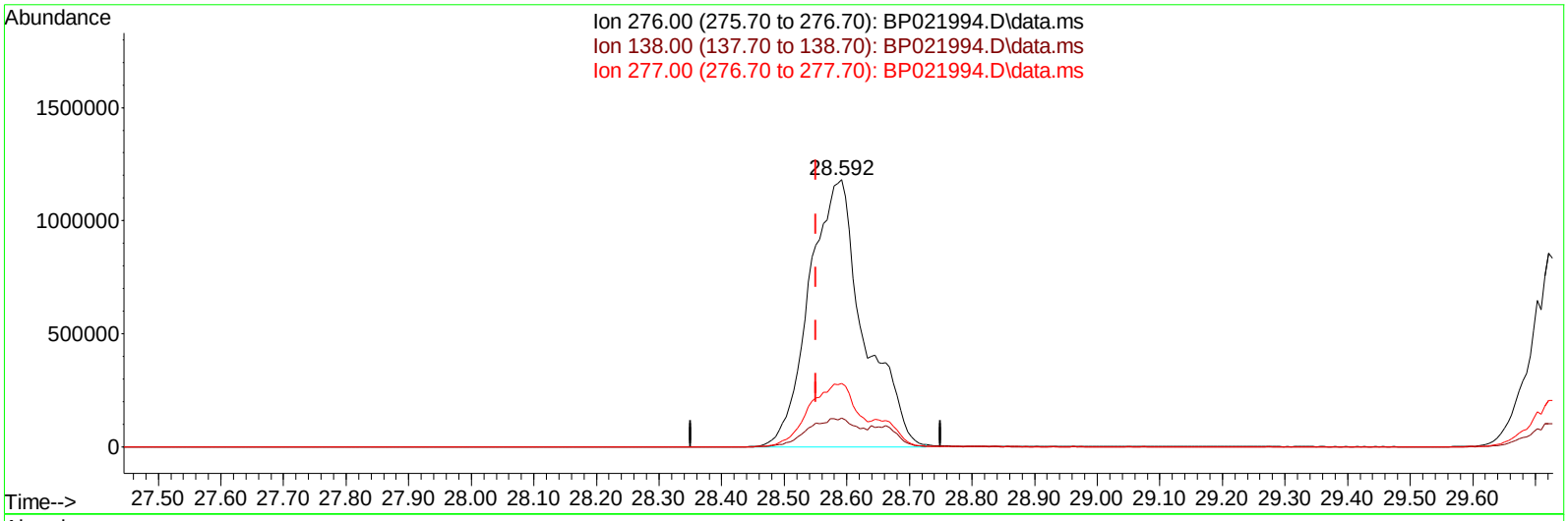

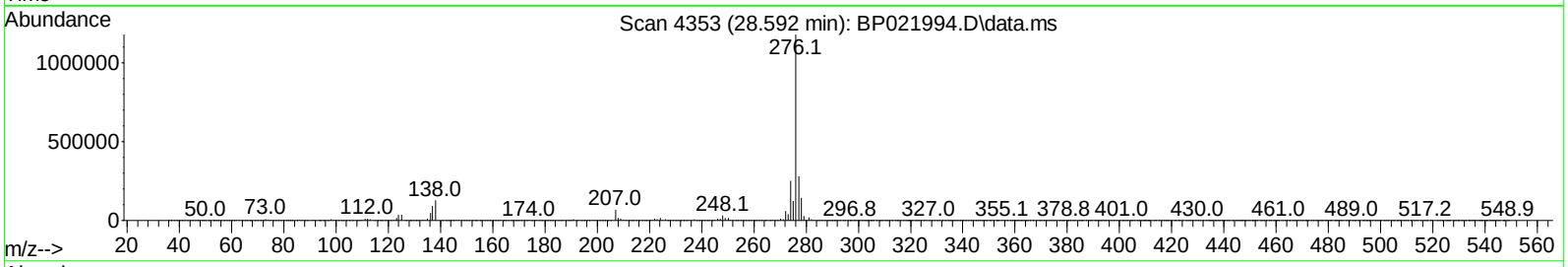

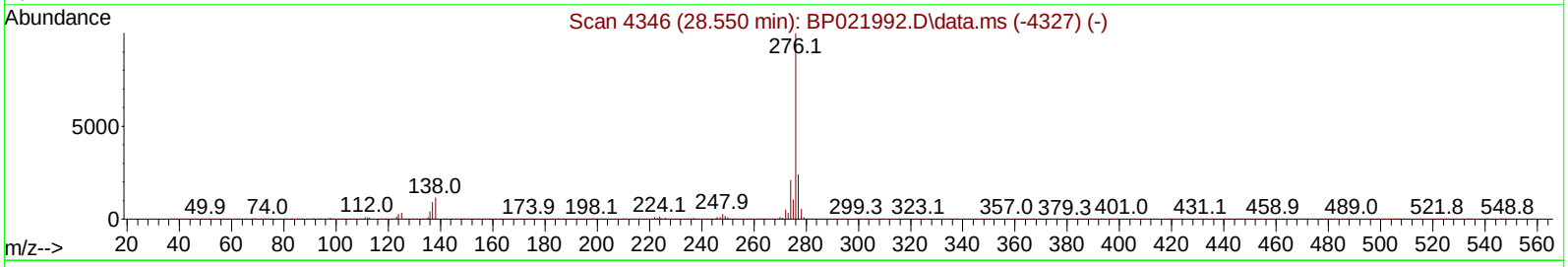

TIC: BP021994.D\data.ms

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

28.592min (+ 0.041) 83.97 ng/ul m

response 7129208

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.82
277.00	24.20	23.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : SSTD08041
Misc :
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Quant Time: Sep 24 15:17:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	123175	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	470118	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	368861	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	935381	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1015294	20.000	ng/ul	0.01
88) Perylene-d12	24.839	264	1138165	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	102228	32.509	ng/uL	0.00
4) Pyridine-d5	3.634	84	726958	80.874	ng/ul	0.00
7) Phenol-d5	6.893	99	819856	81.369	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	474506	76.480	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	607880	83.385	ng/ul	0.01
15) 4-Methylphenol-d8	8.416	113	643116	80.550	ng/ul	0.01
21) Nitrobenzene-d5	8.852	128	298729	84.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	355896	89.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	741405	85.572	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	844677	81.708	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	2339585	82.052	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2609046	86.425	ng/ul	0.01
54) 4-Nitrophenol-d4	14.545	143	416802	85.459	ng/ul	0.02
60) Fluorene-d10	15.328	176	2074385	82.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	493468	84.974	ng/ul	0.01
73) Anthracene-d10	17.222	188	3544624	81.174	ng/ul	0.00
81) Pyrene-d10	19.598	212	4604983	87.547	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	5152211	86.073	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	106534	31.274	ng/uL	98
5) Pyridine	3.658	79	735113	80.496	ng/ul	95
6) Benzaldehyde	6.863	77	360688	63.281	ng/ul	99
8) Phenol	6.922	94	839974	79.883	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.146	93	624970	77.656	ng/ul	99
12) 2-Chlorophenol	7.287	128	608529	80.520	ng/ul	100
13) 2-Methylphenol	8.152	108	619656	81.255	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	562099	75.289	ng/ul	99
16) Acetophenone	8.522	105	1052178	79.226	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.522	70	547999	79.594	ng/ul	98
18) 4-Methylphenol	8.481	108	665040	79.969	ng/ul	100
19) Hexachloroethane	8.775	117	276696	77.559	ng/ul	92
22) Nitrobenzene	8.899	77	857455	79.705	ng/ul	99
23) Isophorone	9.428	82	1536159	82.438	ng/ul	98
25) 2-Nitrophenol	9.599	139	372257	87.204	ng/ul	98
26) 2,4-Dimethylphenol	9.657	107	797992	82.520	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.893	93	858380	79.914	ng/ul	100
29) 2,4-Dichlorophenol	10.128	162	723578	84.059	ng/ul	98
30) Naphthalene	10.522	128	1992106	80.533	ng/ul	99
32) 4-Chloroaniline	10.634	127	833668	81.425	ng/ul	99
33) Hexachlorobutadiene	10.804	225	587281	76.844	ng/ul	98
34) Caprolactam	11.422	113	224613m	86.137	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	796997	85.584	ng/ul	98

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Instrument :
BNA_P
ClientSampleId :
SSTD080619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	1503223	81.773	ng/ul	99
37) 1-Methylnaphthalene	12.345	142	1530835	82.571	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.498	216	1118133	81.761	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	689780	80.186	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	707553	86.546	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	763729	86.267	ng/ul	100
43) 1,1'-Biphenyl	13.145	154	2129964	80.749	ng/ul	99
44) 2-Chloronaphthalene	13.187	162	1735353	81.711	ng/ul	99
45) 2-Nitroaniline	13.393	65	561707	91.468	ng/ul	93
47) Dimethylphthalate	13.781	163	2320322	81.020	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	501161	91.282	ng/ul	98
50) Acenaphthylene	14.045	152	2657320	84.409	ng/ul	99
51) 3-Nitroaniline	14.228	138	406698	81.364	ng/ul	99
52) Acenaphthene	14.387	153	1881827	82.268	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	335080	89.698	ng/ul	94
55) 4-Nitrophenol	14.557	109	461670	83.669	ng/ul	99
56) Dibenzofuran	14.728	168	2712405	79.758	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	753690	89.080	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.957	232	721778	84.697	ng/ul	97
59) Diethylphthalate	15.163	149	2286976	80.689	ng/ul	97
61) Fluorene	15.381	166	2299951	81.323	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	1321174	81.140	ng/ul	100
63) 4-Nitroaniline	15.410	138	391608	76.977	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	526180	83.224	ng/ul#	98
67) N-Nitrosodiphenylamine	15.598	169	1972687	80.073	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	918009	81.725	ng/ul	97
69) Hexachlorobenzene	16.410	284	1101296	80.745	ng/ul	97
70) Atrazine	16.575	200	913123	83.086	ng/ul	100
71) Pentachlorophenol	16.763	266	754128	82.871	ng/ul	99
72) Phenanthrene	17.163	178	3915853	79.844	ng/ul	99
74) Anthracene	17.257	178	3991421	79.975	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	1138339	81.099	ng/uL	96
76) Pentachlorobenzene	14.651	250	1212165	78.529	ng/uL	98
77) Carbazole	17.539	167	3447508	78.376	ng/ul	99
78) Di-n-butylphthalate	18.128	149	4033110	79.528	ng/ul	99
80) Fluoranthene	19.251	202	5301723	88.184	ng/ul	100
82) Pyrene	19.627	202	5517299	85.258	ng/ul	98
83) Butylbenzylphthalate	20.574	149	1982158	87.888	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	1842276	79.250	ng/ul	99
85) Benzo(a)anthracene	21.533	228	5731385	81.913	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2744179	82.931	ng/ul	100
87) Chrysene	21.598	228	5294245	80.623	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	4684511	83.316	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	6084983	86.123	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	5928679	84.281	ng/ul	99
93) Benzo(a)pyrene	24.698	252	5546994	85.203	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.592	276	7129208m	83.972	ng/ul	
95) Dibenzo(a,h)anthracene	28.662	278	5683054	83.107	ng/ul	97
96) Benzo(g,h,i)perylene	29.745	276	5586953	84.822	ng/ul	99

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

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