Quantitation Report (Qedit)

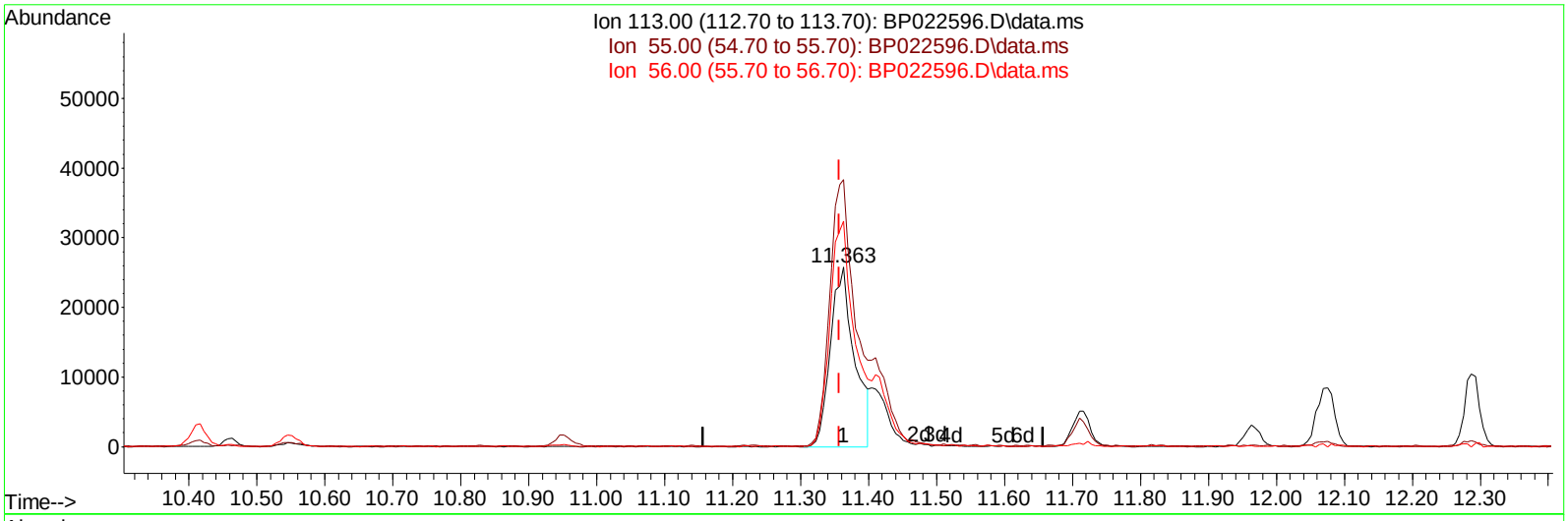
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022596.D
Acq On : 24 Oct 2024 21:18
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

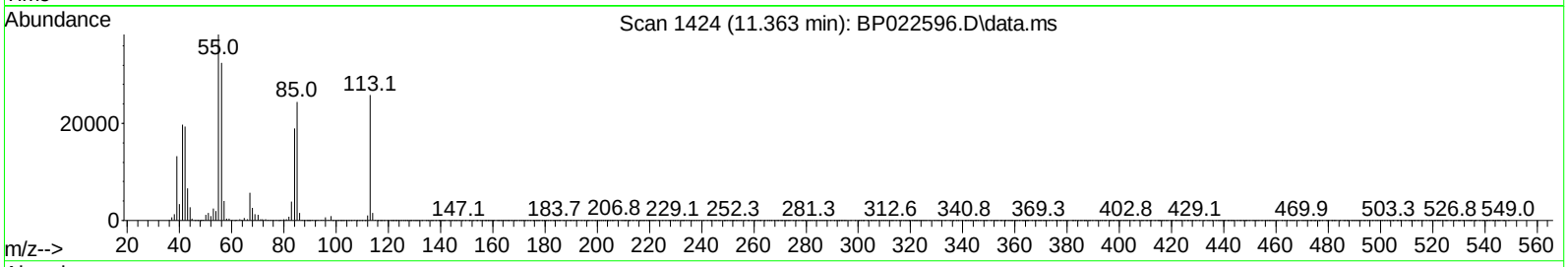
Quant Time: Oct 24 23:27:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

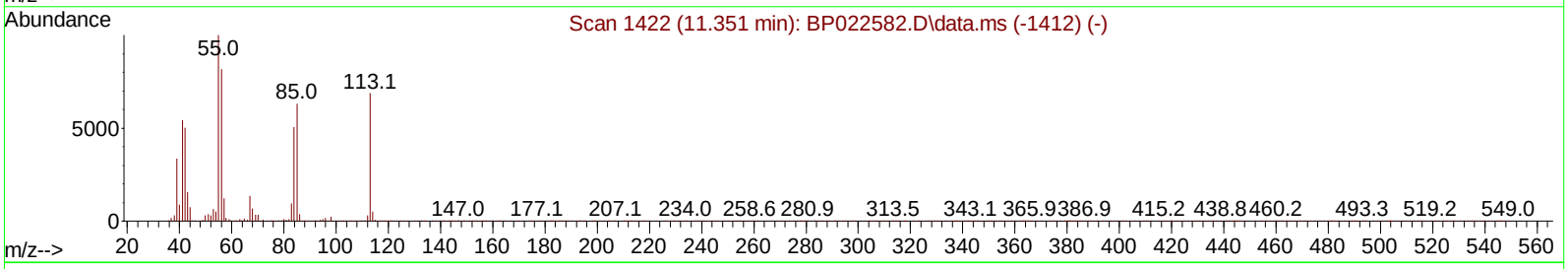
Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022596.D\data.ms

(34) Caprolactam

11.363min (+ 0.006) 24.37 ng/ul

response 63215

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	148.30
56.00	130.00	125.45
0.00	0.00	0.00

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Misc :
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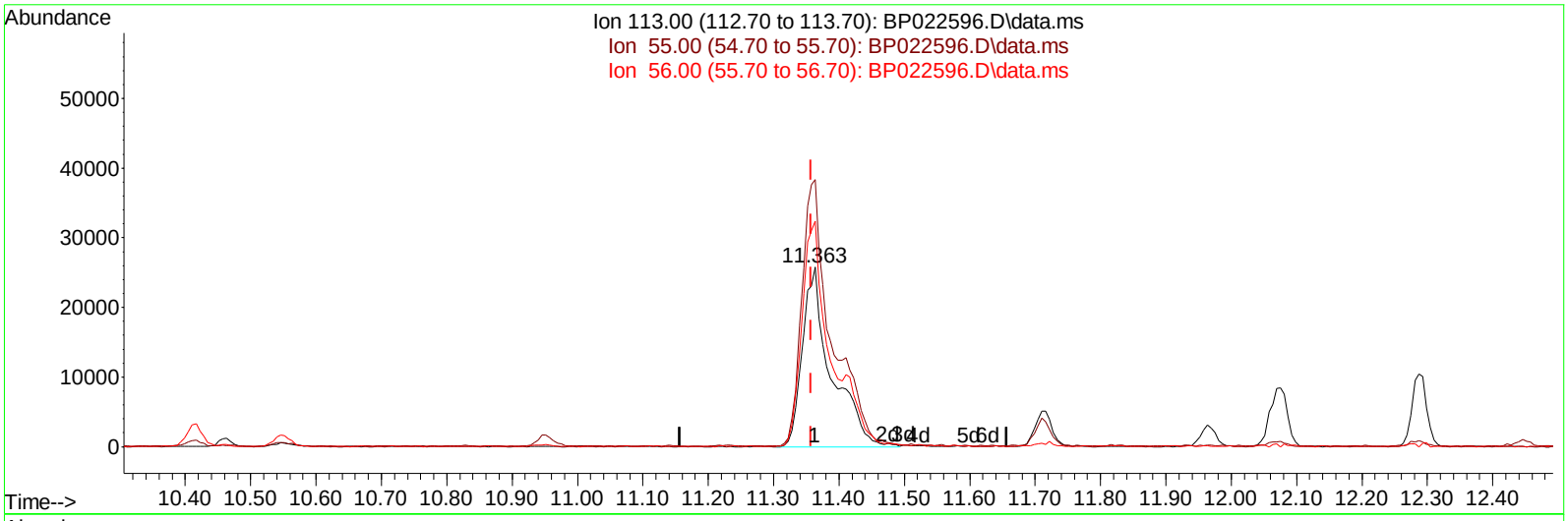

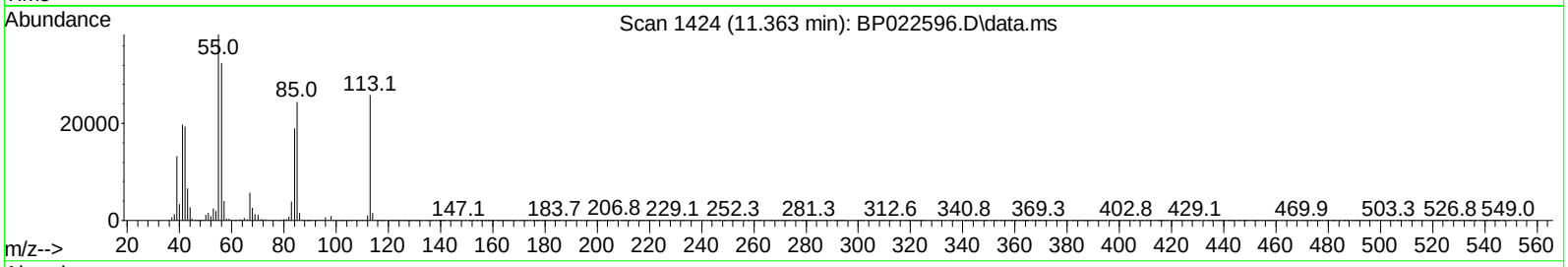

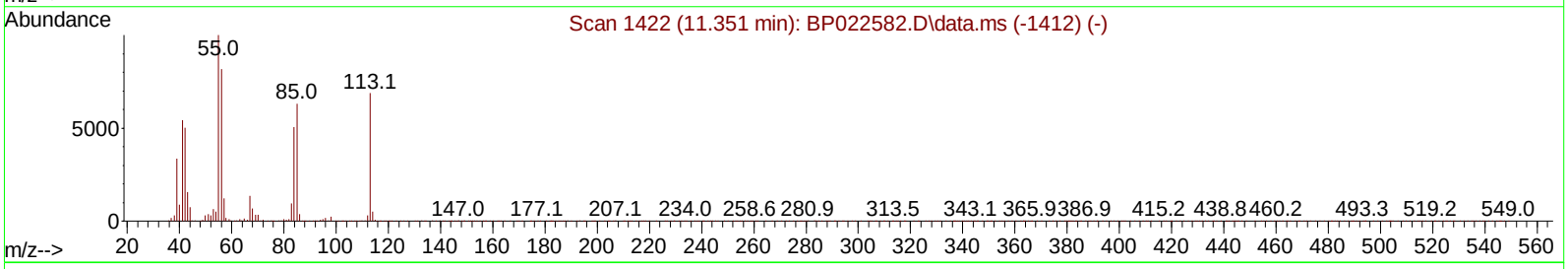

TIC: BP022596.D\data.ms

(34) Caprolactam

11.363min (+ 0.006) 30.58 ng/ul m

response 79342

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	148.30
56.00	130.00	125.45
0.00	0.00	0.00

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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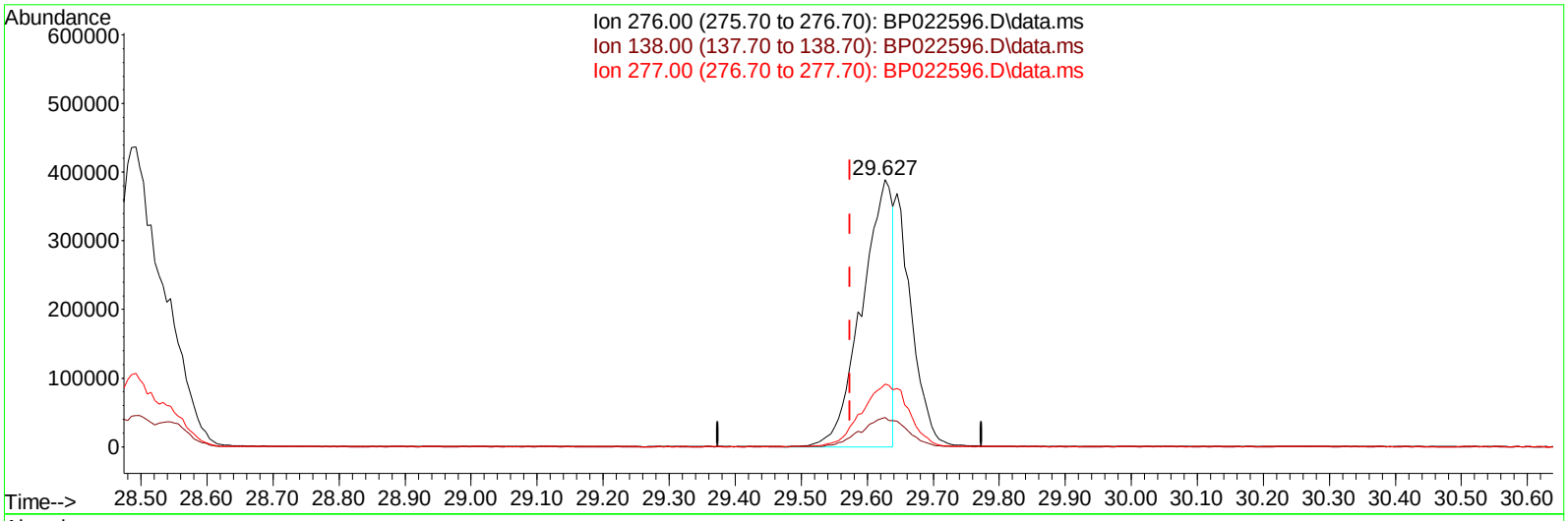

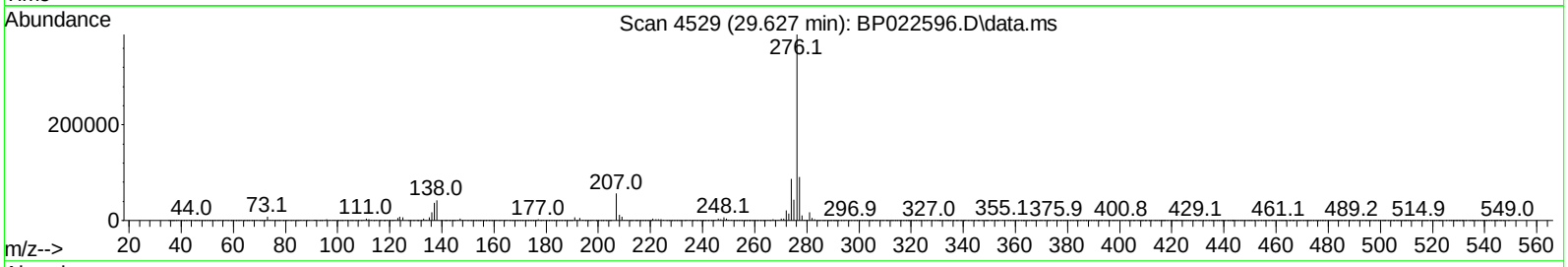

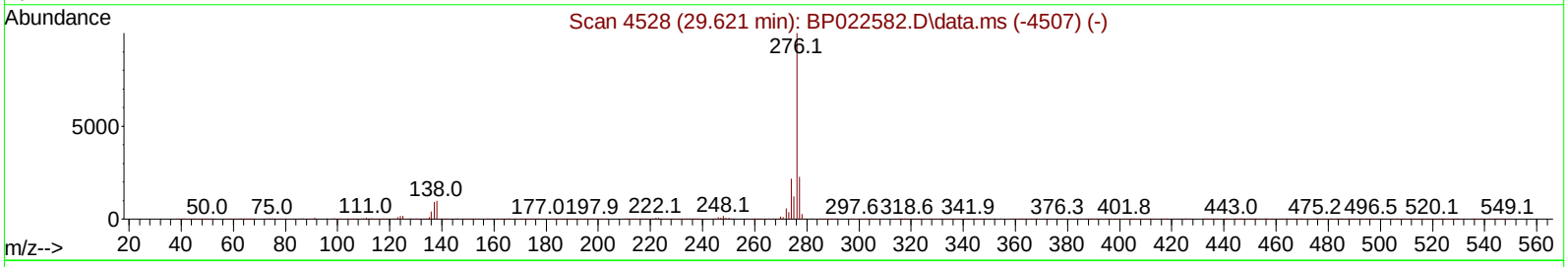

TIC: BP022596.D\data.ms

(96) Benzo(g,h,i)perylene

29.627min (+ 0.053) 20.75 ng/ul

response 1265508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.92
277.00	23.70	23.56
0.00	0.00	0.00

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Operator : RC/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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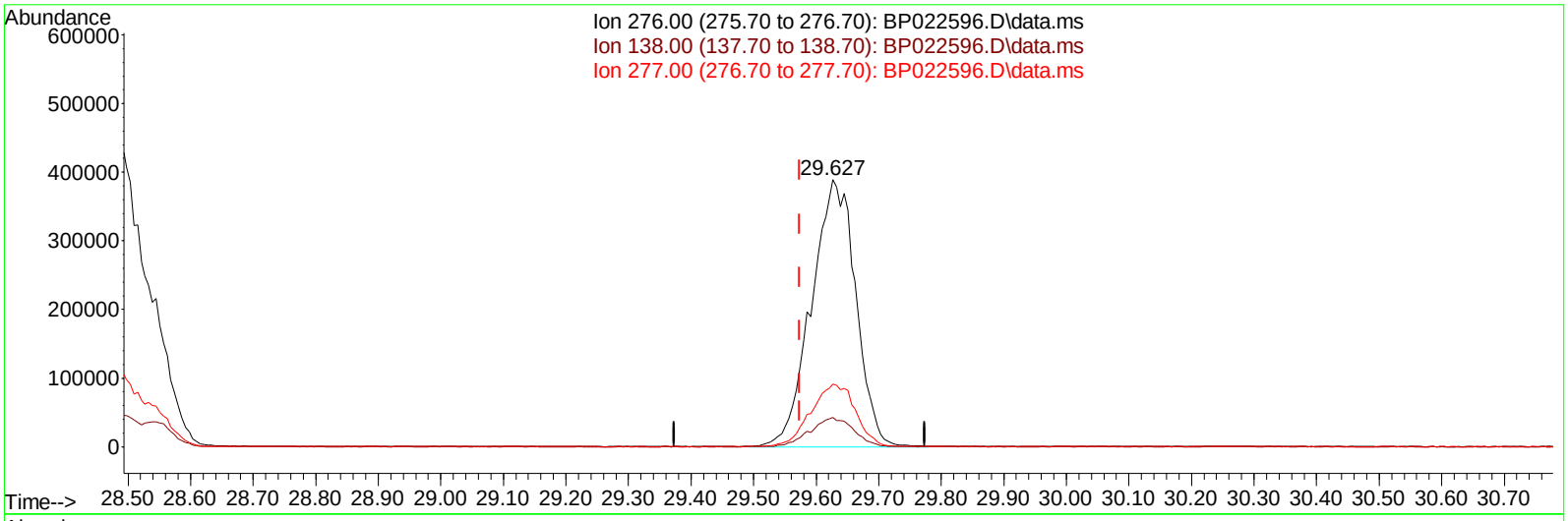

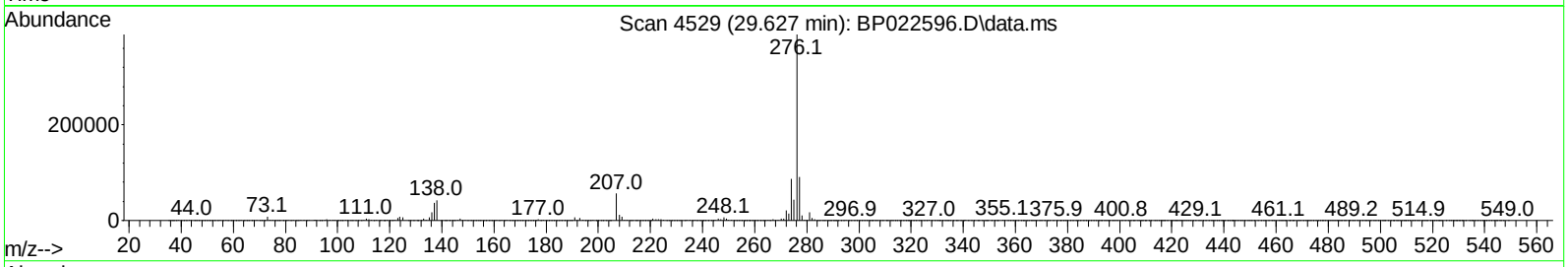

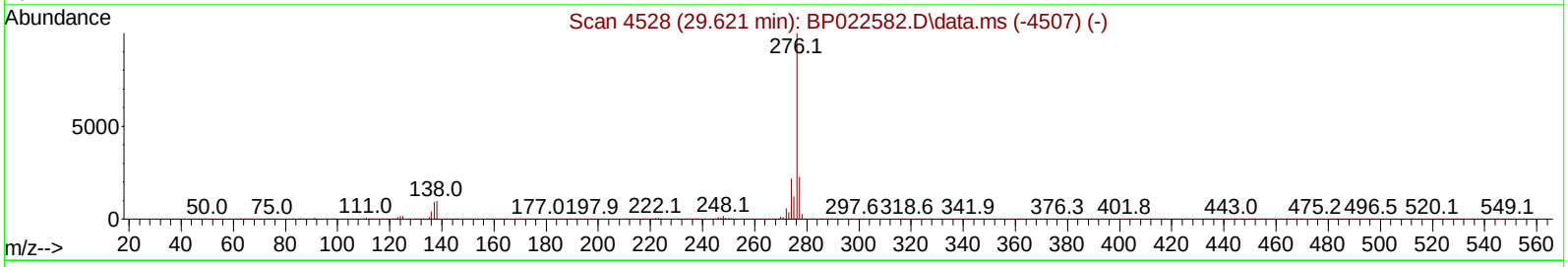

TIC: BP022596.D\data.ms

(96) Benzo(g,h,i)perylene

29.627min (+ 0.053) 31.41 ng/ul m

response 1915710

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.92
277.00	23.70	23.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	109770	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	431881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	349922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	842586	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	883770	20.000	ng/ul	0.01
88) Perylene-d12	24.780	264	1014139	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	11988	4.244	ng/uL	0.00
4) Pyridine-d5	3.599	84	148646	19.169	ng/ul	-0.01
7) Phenol-d5	6.846	99	229495	24.837	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	129948	23.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	167218	25.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.358	113	188601	25.576	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	87276	26.282	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	106616	27.732	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	223048	27.297	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	226176	23.425	ng/ul	-0.01
46) Dimethylphthalate-d6	13.681	166	715893	25.750	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	773878	26.207	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	96388	20.666	ng/ul	0.00
60) Fluorene-d10	15.281	176	634178	26.298	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	116948	21.104	ng/ul	0.01
73) Anthracene-d10	17.181	188	1023132	25.812	ng/ul	0.01
81) Pyrene-d10	19.563	212	1302732	27.875	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.557	264	1495740	27.617	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	33940	11.175	ng/uL	99
5) Pyridine	3.623	79	207630	26.113	ng/ul	97
6) Benzaldehyde	6.816	77	28787	5.765	ng/ul	94
8) Phenol	6.875	94	302247	31.440	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.087	93	213680	29.699	ng/ul	99
12) 2-Chlorophenol	7.228	128	215495	31.784	ng/ul	97
13) 2-Methylphenol	8.099	108	215017	30.819	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	251316	30.055	ng/ul	98
16) Acetophenone	8.469	105	366737	30.125	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.452	70	190253	30.846	ng/ul	97
18) 4-Methylphenol	8.422	108	238132	30.767	ng/ul	96
19) Hexachloroethane	8.710	117	97740	30.954	ng/ul	97
22) Nitrobenzene	8.840	77	291276	29.385	ng/ul	99
23) Isophorone	9.358	82	540951	30.438	ng/ul	100
25) 2-Nitrophenol	9.540	139	134915	32.562	ng/ul	97
26) 2,4-Dimethylphenol	9.599	107	265683	29.501	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	307121	30.435	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	259068	32.196	ng/ul	99
30) Naphthalene	10.463	128	708442	30.797	ng/ul	98
32) 4-Chloroaniline	10.575	127	158353	16.615	ng/ul	96
33) Hexachlorobutadiene	10.740	225	218306	32.189	ng/ul	99
34) Caprolactam	11.363	113	79342m	30.585	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	288586	32.871	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	541505	32.069	ng/ul	97
37) 1-Methylnaphthalene	12.287	142	541278	31.406	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	407370	31.485	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	166996	21.184	ng/ul	98
41) 2,4,6-Trichlorophenol	12.699	196	263806	32.414	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	289589	33.417	ng/ul	98
43) 1,1'-Biphenyl	13.093	154	789557	31.304	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	631991	30.609	ng/ul	100
45) 2-Nitroaniline	13.351	65	193121	31.325	ng/ul	93
47) Dimethylphthalate	13.734	163	842184	30.400	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	176725	33.726	ng/ul	93
50) Acenaphthylene	13.998	152	937713	30.598	ng/ul	99
51) 3-Nitroaniline	14.187	138	141951	28.843	ng/ul	97
52) Acenaphthene	14.345	153	672635	31.038	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	117266	30.416	ng/ul	97
55) 4-Nitrophenol	14.522	109	153569	29.666	ng/ul	94
56) Dibenzofuran	14.681	168	1010518	31.043	ng/ul	99
57) 2,4-Dinitrotoluene	14.669	165	269697	33.122	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.910	232	260502	32.206	ng/ul#	96
59) Diethylphthalate	15.116	149	829750	31.219	ng/ul	98
61) Fluorene	15.345	166	825708	31.131	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.340	204	481298	31.731	ng/ul	98
63) 4-Nitroaniline	15.375	138	176292	35.598	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.445	198	187049	31.337	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	708706	31.409	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	330215	32.499	ng/ul	95
69) Hexachlorobenzene	16.375	284	400563	32.027	ng/ul	99
70) Atrazine	16.528	200	314266	33.507	ng/ul	95
71) Pentachlorophenol	16.734	266	249236	30.992	ng/ul	96
72) Phenanthrene	17.128	178	1404351	31.153	ng/ul	99
74) Anthracene	17.216	178	1384032	30.766	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	405031	31.571	ng/uL	97
76) Pentachlorobenzene	14.604	250	427360	30.133	ng/uL	100
77) Carbazole	17.510	167	1230391	30.910	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1438825	32.668	ng/ul	99
80) Fluoranthene	19.216	202	1835123	34.156	ng/ul	99
82) Pyrene	19.592	202	1898893	32.975	ng/ul	99
83) Butylbenzylphthalate	20.539	149	687127	34.272	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.416	252	610086	28.959	ng/ul	98
85) Benzo(a)anthracene	21.498	228	2002152	32.316	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	981226	34.096	ng/ul	99
87) Chrysene	21.557	228	1835912	31.958	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	1678979	34.805	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	2092925	32.786	ng/ul	98
91) Benzo(k)fluoranthene	23.810	252	2030871	32.494	ng/ul	99
93) Benzo(a)pyrene	24.621	252	1888919	32.151	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.492	276	2461276	31.393	ng/ul	97
95) Dibenzo(a,h)anthracene	28.545	278	1981482	31.211	ng/ul	98
96) Benzo(g,h,i)perylene	29.627	276	1915710m	31.414	ng/ul	

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

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