Quantitation Report (Qedit)

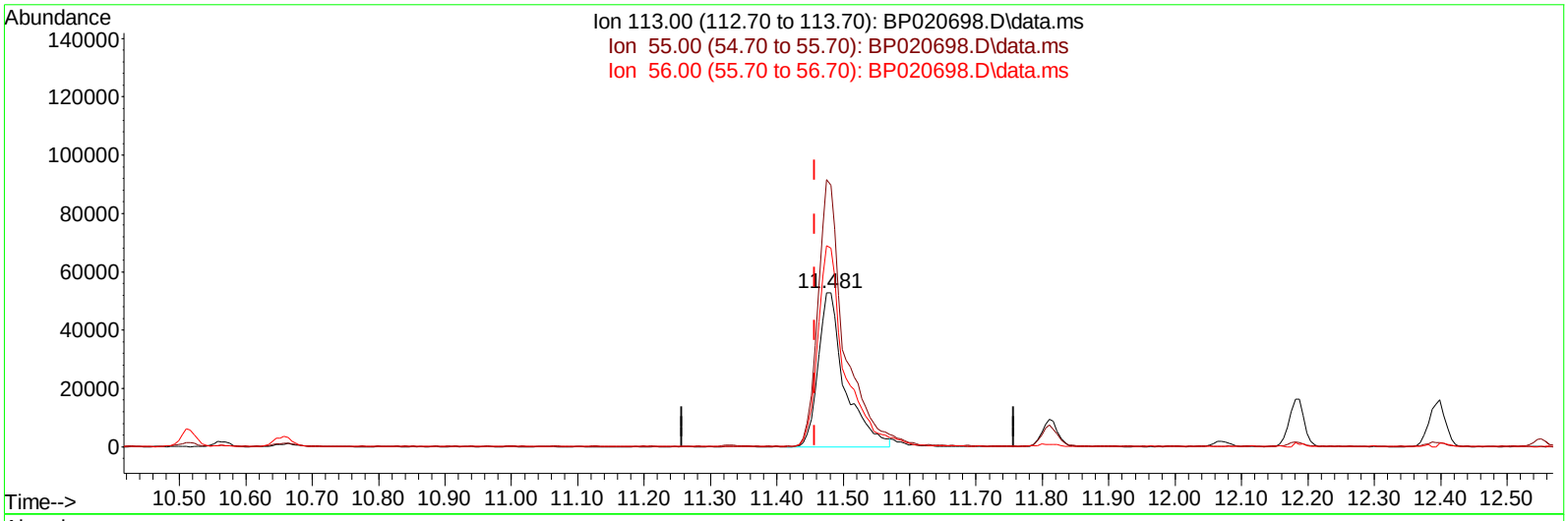
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020698.D
Acq On : 28 Jun 2024 19:05
Operator : MA/JU
Sample : PB161608BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

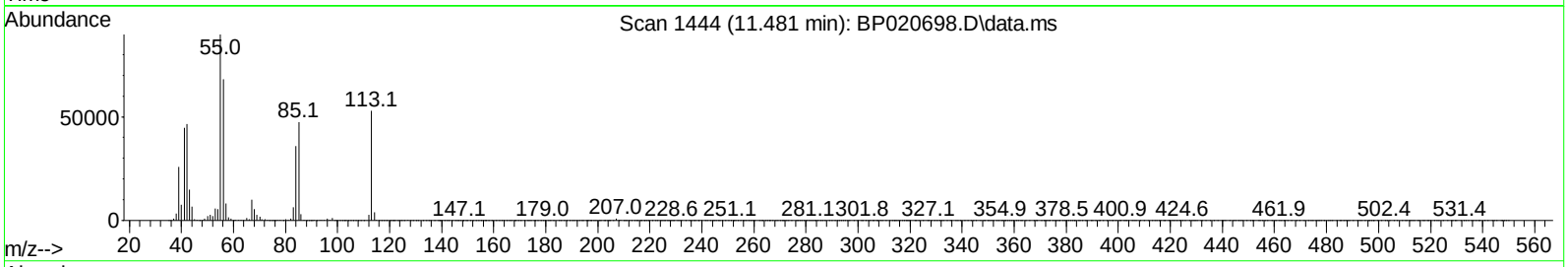
Quant Time: Jun 28 22:47:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

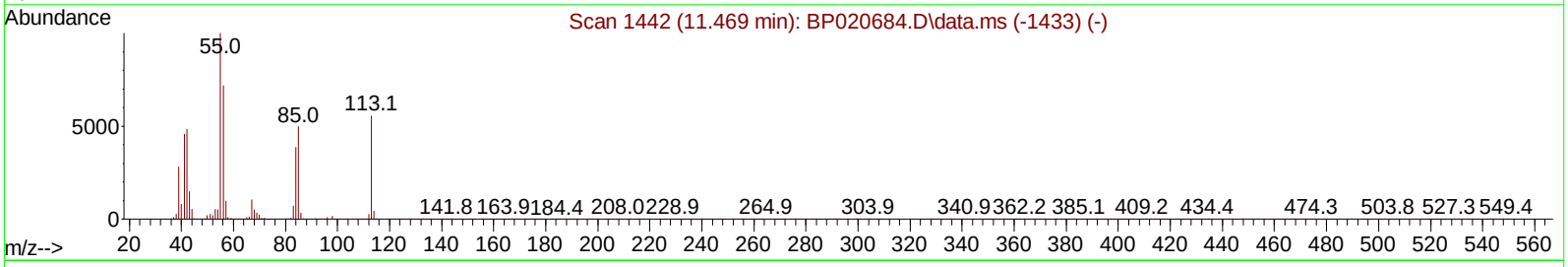
Instrument :
BNA_P
ClientSampleId :
SLCS608

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024







TIC: BP020698.D\data.ms

(34) Caprolactam

11.481min (+ 0.024) 41.13 ng/ul

response 146886

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	169.61
56.00	140.50	128.77
0.00	0.00	0.00

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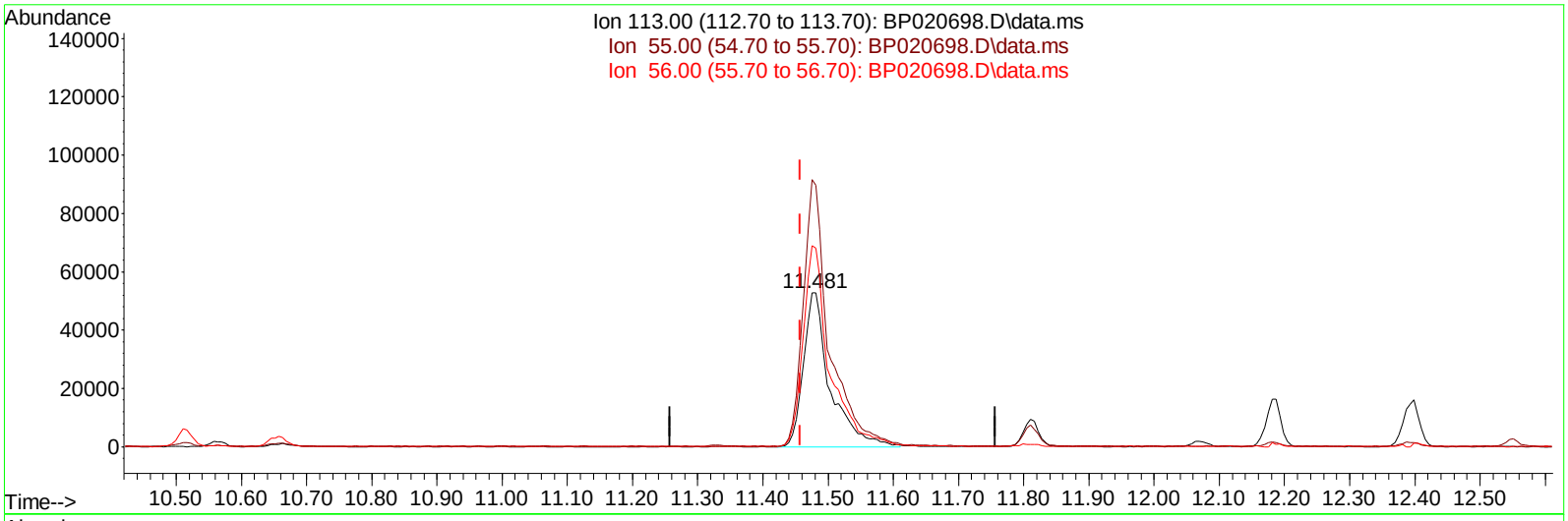

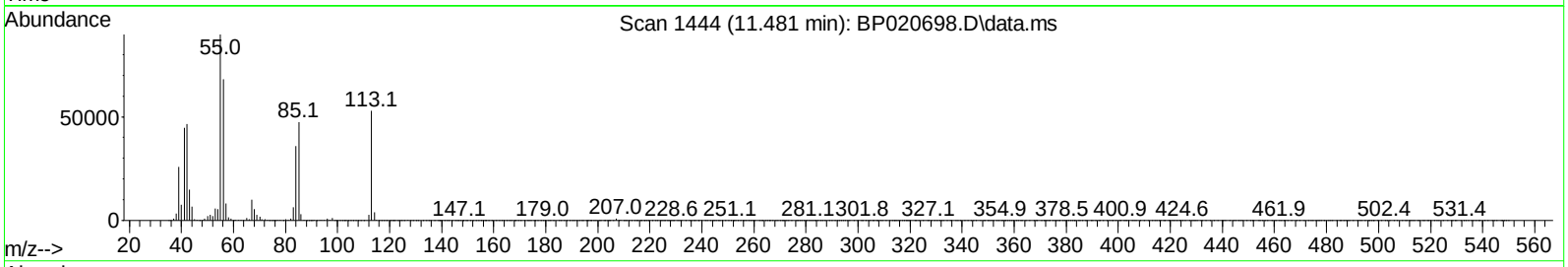

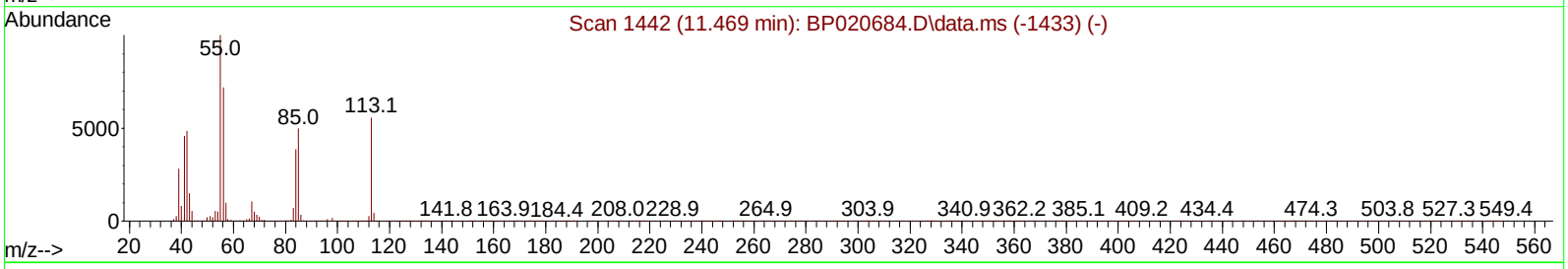

TIC: BP020698.D\data.ms

(34) Caprolactam

11.481min (+ 0.024) 42.02 ng/ul m

response 150084

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	169.61
56.00	140.50	128.77
0.00	0.00	0.00

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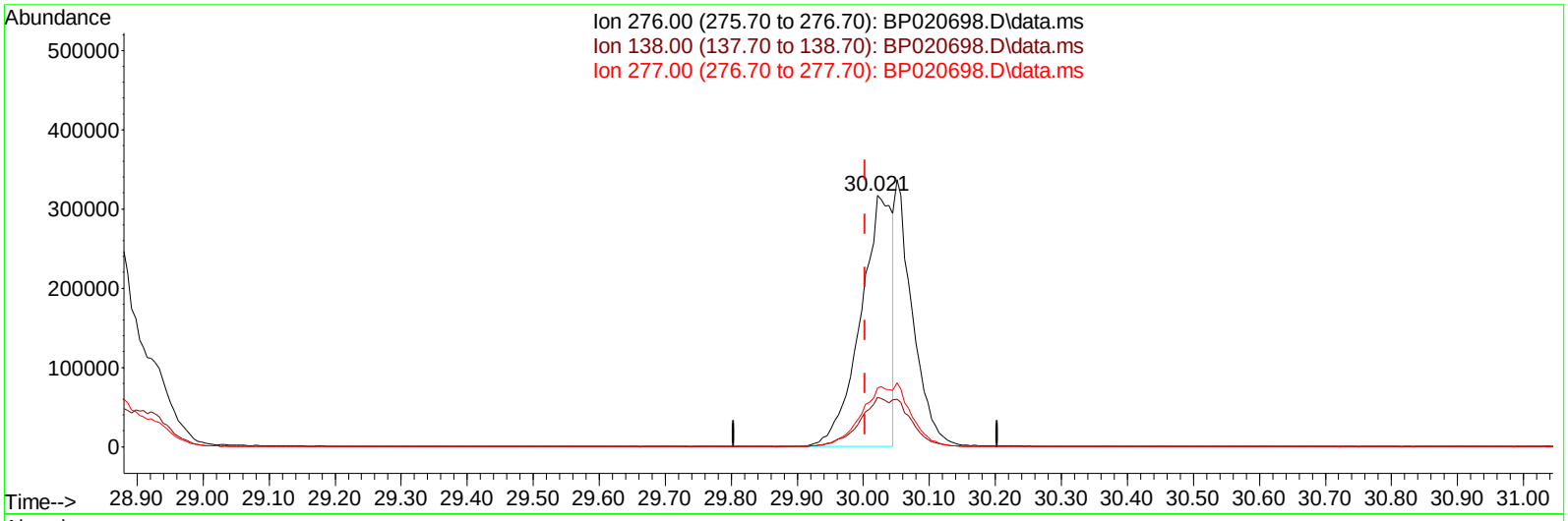

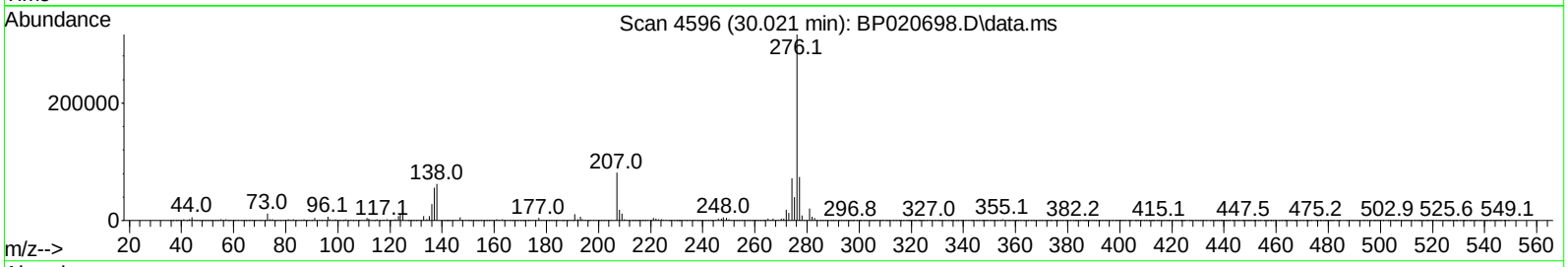

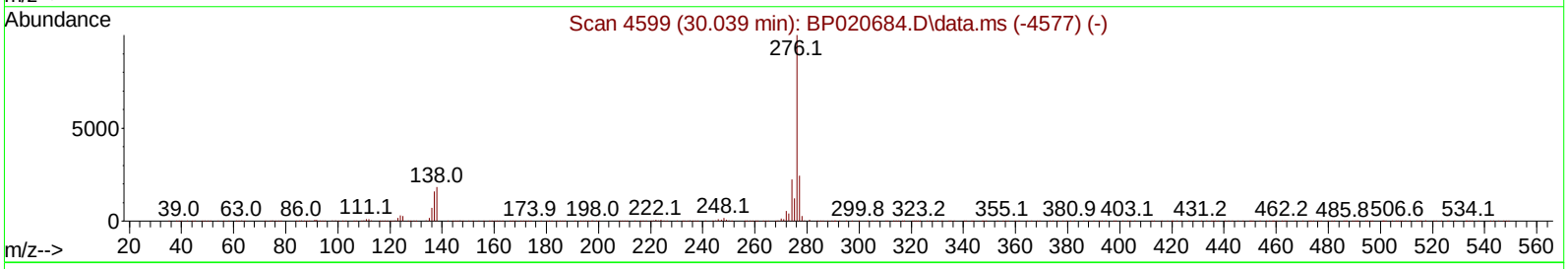

TIC: BP020698.D\data.ms

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

30.021min (+ 0.018) 23.01 ng/ul

response 1065130

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	19.69
277.00	23.40	23.39
0.00	0.00	0.00

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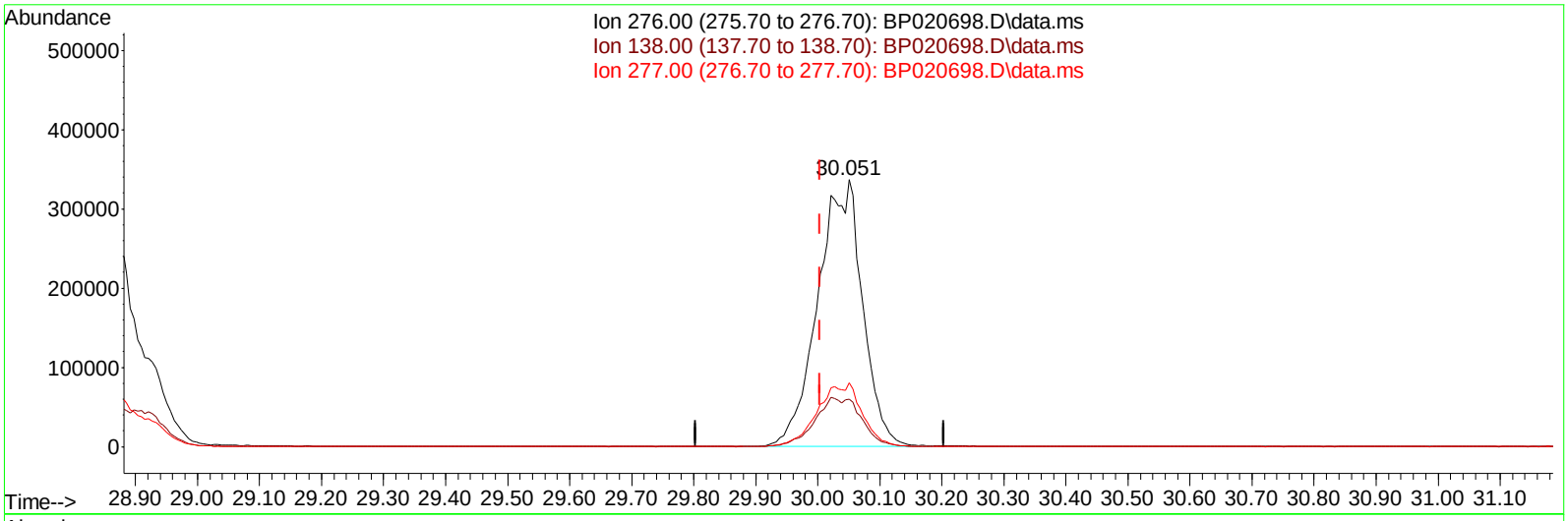

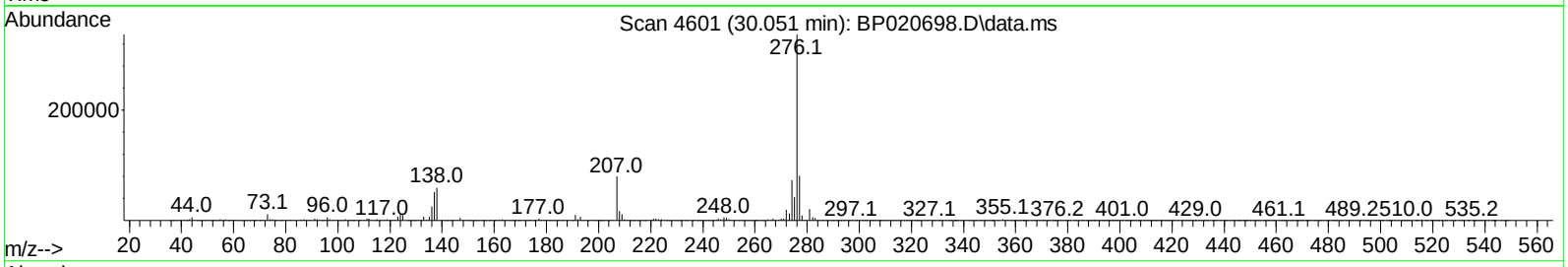

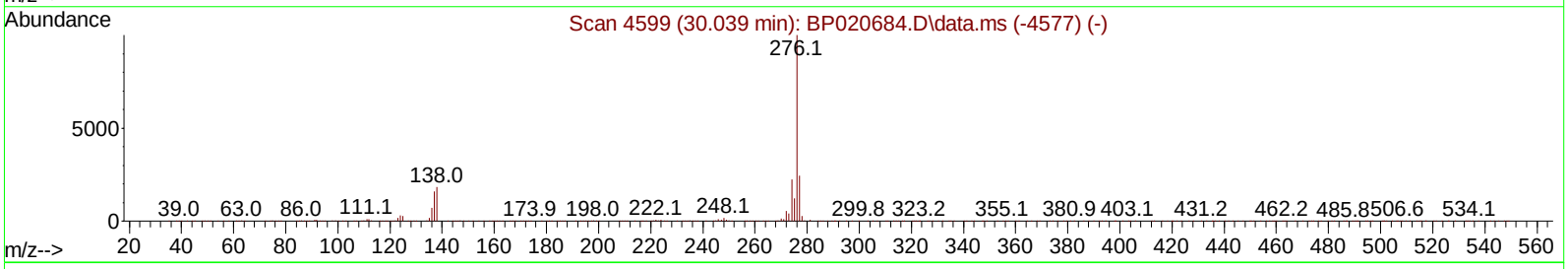

TIC: BP020698.D\data.ms

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

30.051min (+ 0.047) 36.35 ng/ul m

response 1682479

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	17.79
277.00	23.40	23.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
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Acq On : 28 Jun 2024 19:05
Operator : MA/JU
Sample : PB161608BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Jun 28 22:52:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	189077	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.516	136	779150	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	502792	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.192	188	907357	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	610130	20.000	ng/ul	0.02
88) Perylene-d12	25.016	264	772857	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	28693	6.516	ng/uL	0.00
4) Pyridine-d5	3.681	84	403128	31.414	ng/ul	0.00
7) Phenol-d5	6.928	99	563990	36.368	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	331836	33.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	456261	35.999	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	461952	36.677	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	228544	39.730	ng/ul	0.00
24) 2-Nitrophenol-d4	9.611	143	261853	45.487	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	481004	40.564	ng/ul	0.00
31) 4-Chloroaniline-d4	10.658	131	588083	35.389	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1379832	39.470	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	1550679	37.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	210675	39.442	ng/ul	0.01
60) Fluorene-d10	15.398	176	1116747	37.962	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	197119	43.109	ng/ul	0.02
73) Anthracene-d10	17.298	188	1526833	37.494	ng/ul	0.02
81) Pyrene-d10	19.681	212	1424573	38.865	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.792	264	1482659	39.438	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	57346	11.638	ng/uL	97
5) Pyridine	3.699	79	400430	30.124	ng/ul	96
6) Benzaldehyde	6.905	77	321381	40.980	ng/ul	97
8) Phenol	6.952	94	566115	35.797	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.181	93	446538	34.106	ng/ul	98
12) 2-Chlorophenol	7.317	128	457464	35.905	ng/ul	97
13) 2-Methylphenol	8.187	108	429626	35.408	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.269	45	642895	32.311	ng/ul	98
16) Acetophenone	8.569	105	707630	35.181	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.552	70	357630	33.450	ng/ul	98
18) 4-Methylphenol	8.511	108	474853	36.973	ng/ul	99
19) Hexachloroethane	8.805	117	190651	34.470	ng/ul	91
22) Nitrobenzene	8.940	77	527140	35.349	ng/ul	98
23) Isophorone	9.458	82	1005359	34.026	ng/ul	98
25) 2-Nitrophenol	9.640	139	269015	43.273	ng/ul	95
26) 2,4-Dimethylphenol	9.705	107	417129	28.809	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.934	93	611794	34.806	ng/ul	98
29) 2,4-Dichlorophenol	10.169	162	455045	38.771	ng/ul	98
30) Naphthalene	10.563	128	1453286	34.848	ng/ul	99
32) 4-Chloroaniline	10.687	127	523898	32.745	ng/ul	98
33) Hexachlorobutadiene	10.840	225	322521	36.756	ng/ul	99
34) Caprolactam	11.481	113	150084m	42.021	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	509750	39.336	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	1027624	36.785	ng/ul	100
37) 1-Methylnaphthalene	12.399	142	1021058	35.754	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.552	216	591917	36.822	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	230015	22.989	ng/ul	99
41) 2,4,6-Trichlorophenol	12.793	196	368022	38.377	ng/ul	99
42) 2,4,5-Trichlorophenol	12.875	196	403967	40.616	ng/ul	97
43) 1,1'-Biphenyl	13.204	154	1348471	35.861	ng/ul	99
44) 2-Chloronaphthalene	13.246	162	1059486	35.774	ng/ul	99
45) 2-Nitroaniline	13.457	65	315187	42.253	ng/ul	93
47) Dimethylphthalate	13.834	163	1355627	38.068	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	279308	43.986	ng/ul	96
50) Acenaphthylene	14.099	152	1629235	34.577	ng/ul	99
51) 3-Nitroaniline	14.293	138	267842	45.384	ng/ul	96
52) Acenaphthene	14.446	153	1095867	35.060	ng/ul	98
53) 2,4-Dinitrophenol	14.504	184	124163	37.697	ng/ul	98
55) 4-Nitrophenol	14.616	109	175345	36.684	ng/ul	99
56) Dibenzofuran	14.793	168	1529568	36.315	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	390015	44.496	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	317199	38.614	ng/ul	98
59) Diethylphthalate	15.222	149	1344123	38.265	ng/ul	99
61) Fluorene	15.457	166	1210931	35.783	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	646764	36.624	ng/ul	98
63) 4-Nitroaniline	15.481	138	259501	46.331	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.540	198	207612	42.386	ng/ul#	94
67) N-Nitrosodiphenylamine	15.669	169	1053927	39.386	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	402784	39.798	ng/ul	98
69) Hexachlorobenzene	16.475	284	453466	40.025	ng/ul	97
70) Atrazine	16.651	200	217440	23.050	ng/ul	99
71) Pentachlorophenol	16.834	266	235318	36.077	ng/ul	97
72) Phenanthrene	17.240	178	1772471	37.304	ng/ul	100
74) Anthracene	17.340	178	1720806	35.209	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	576731	39.157	ng/uL	99
76) Pentachlorobenzene	14.704	250	562017	40.036	ng/uL	99
77) Carbazole	17.622	167	1496967	37.113	ng/ul	99
78) Di-n-butylphthalate	18.204	149	2089517	39.885	ng/ul	100
80) Fluoranthene	19.334	202	1728397	38.603	ng/ul	99
82) Pyrene	19.710	202	1717987	37.414	ng/ul	99
83) Butylbenzylphthalate	20.669	149	703080	41.235	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.557	252	494470	36.655	ng/ul	98
85) Benzo(a)anthracene	21.633	228	1578124	36.902	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.569	149	967677	36.553	ng/ul	100
87) Chrysene	21.704	228	1520374	37.612	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	1598785	32.224	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	1699439	36.297	ng/ul	98
91) Benzo(k)fluoranthene	24.033	252	1739439	36.727	ng/ul	99
93) Benzo(a)pyrene	24.874	252	1515540	34.290	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.857	276	2139680	37.743	ng/ul	98
95) Dibenzo(a,h)anthracene	28.927	278	1759438	37.762	ng/ul	99
96) Benzo(g,h,i)perylene	30.051	276	1682479m	36.350	ng/ul	

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

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