Quantitation Report (Qedit)

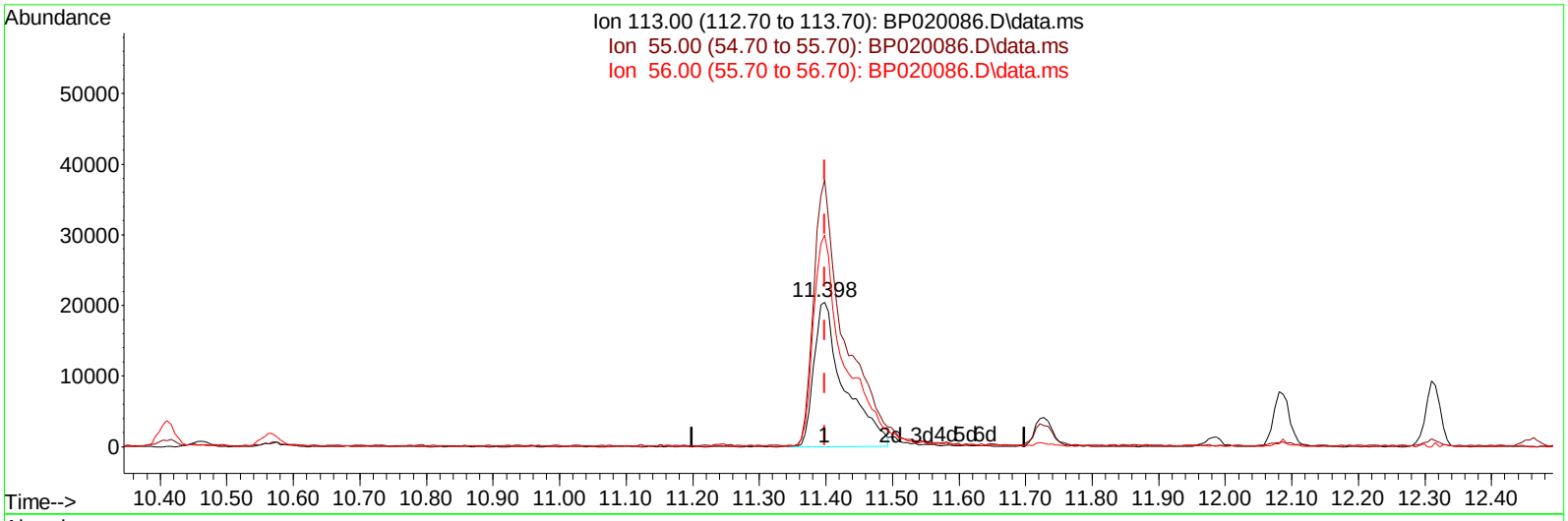
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020086.D
Acq On : 22 Apr 2024 21:50
Operator : MA/JU
Sample : PB160221BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

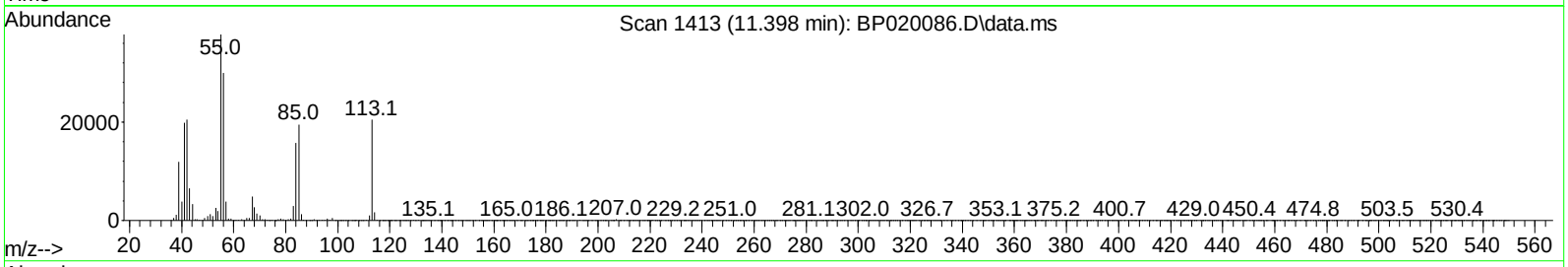
Quant Time: Apr 23 01:37:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 01:17:52 2024
Response via : Initial Calibration

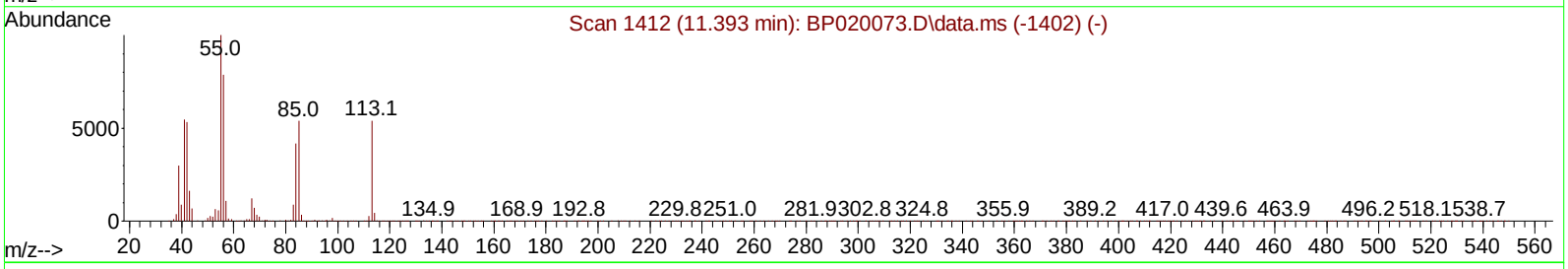
Instrument :
BNA_P
ClientSampleId :
SLCS221

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BP020086.D\data.ms

(34) Caprolactam

11.398min (-0.000) 34.23 ng/ul

response 64966

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	184.39
56.00	142.20	146.33
0.00	0.00	0.00

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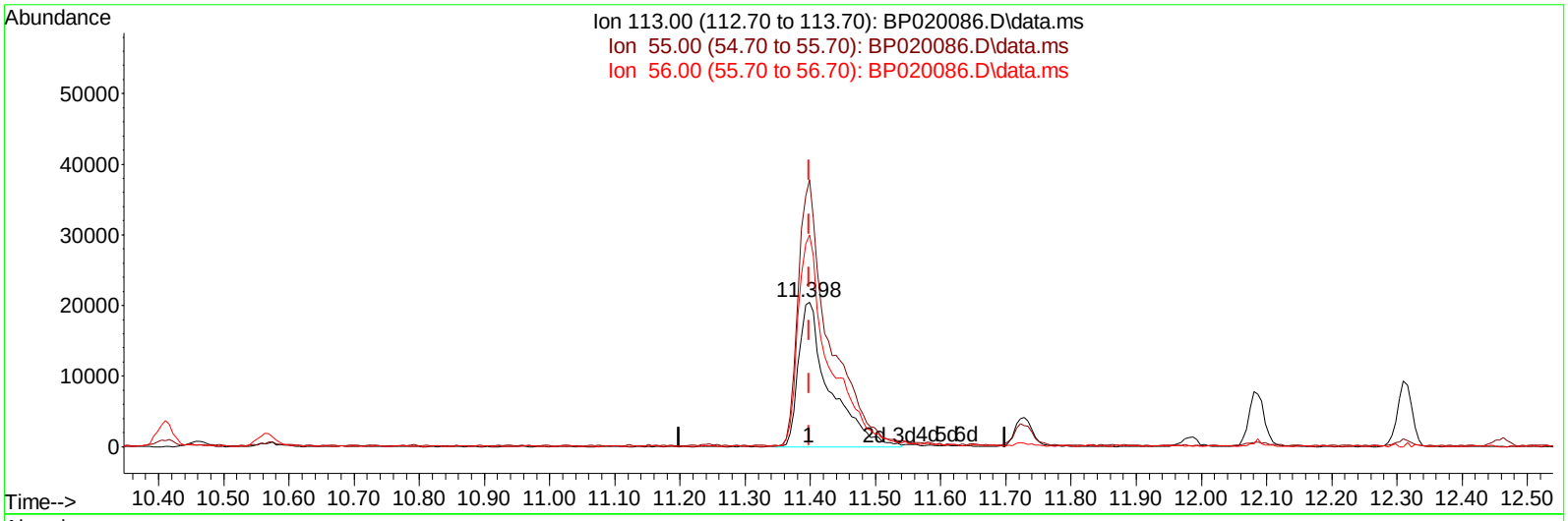

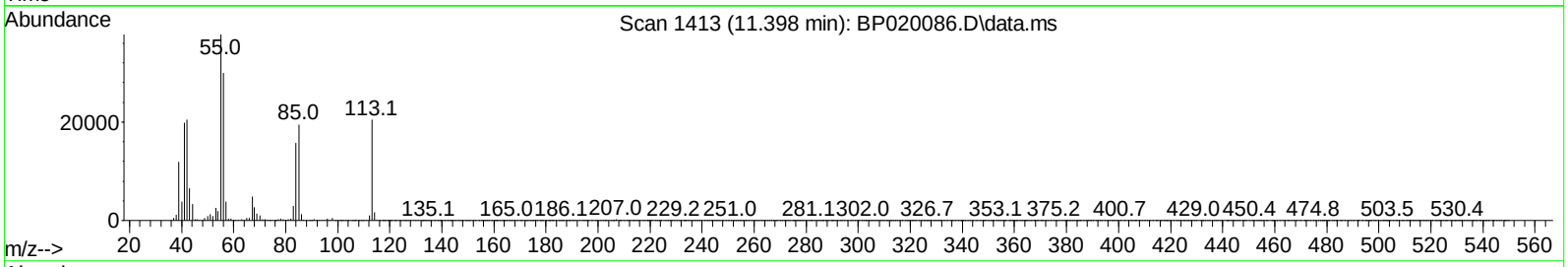

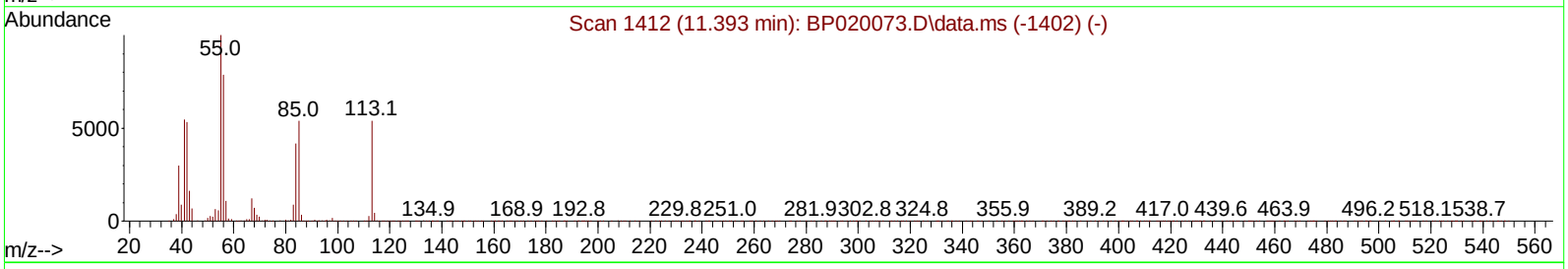

TIC: BP020086.D\data.ms

(34) Caprolactam

11.398min (-0.000) 35.34 ng/ul m

response 67082

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	184.39
56.00	142.20	146.33
0.00	0.00	0.00

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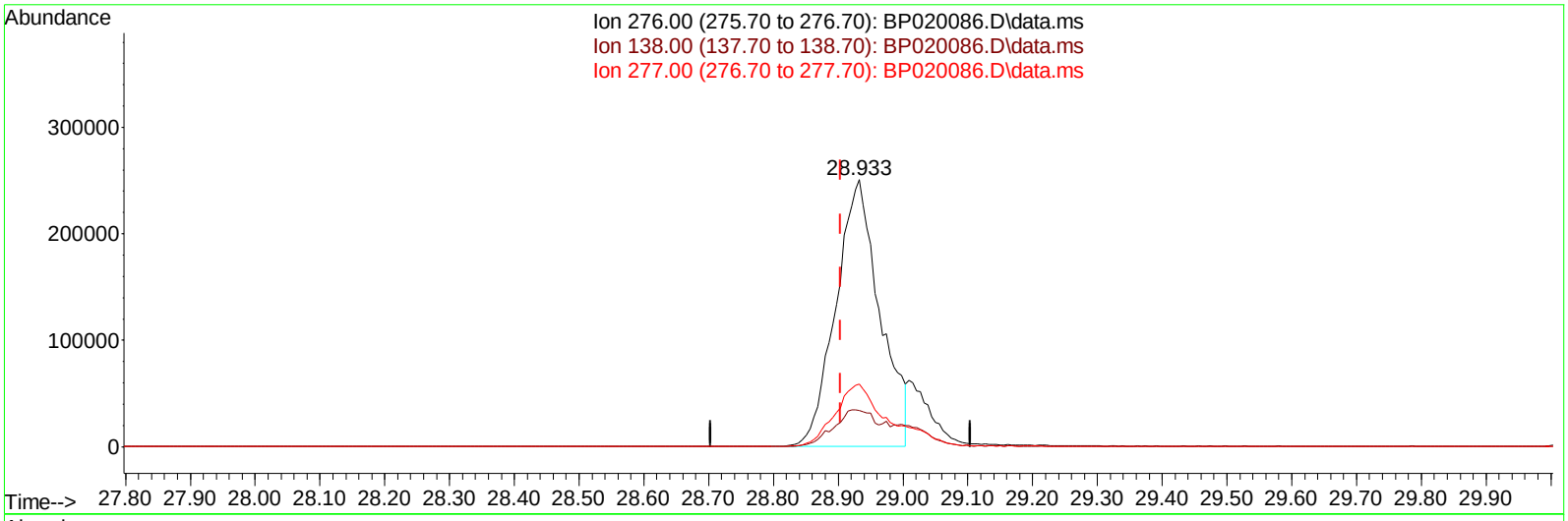

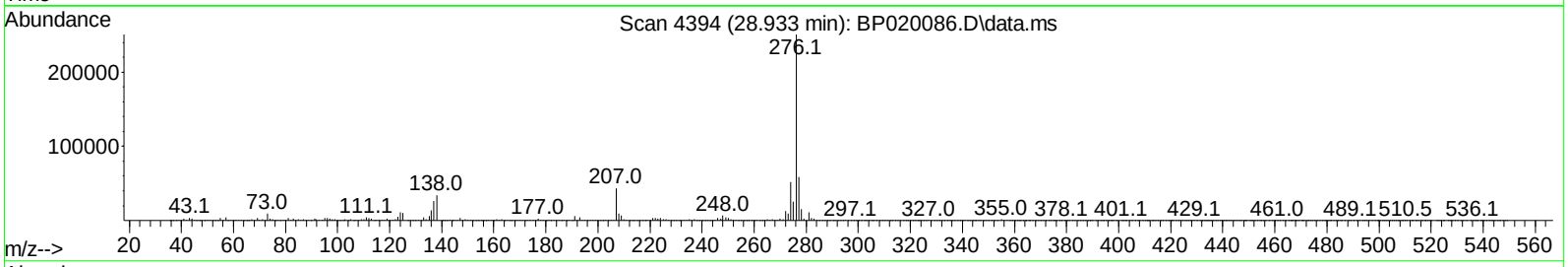

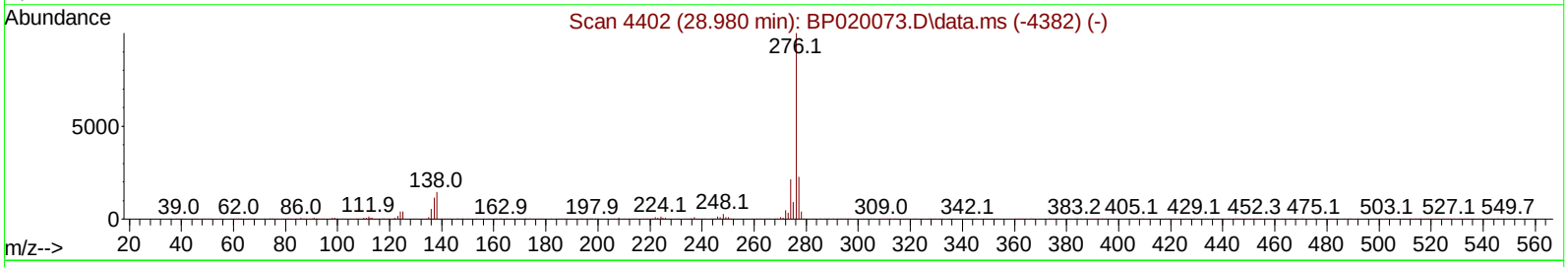

TIC: BP020086.D\data.ms

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

28.933min (+ 0.029) 28.36 ng/ul

response 1179730

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	13.57
277.00	23.30	23.42
0.00	0.00	0.00

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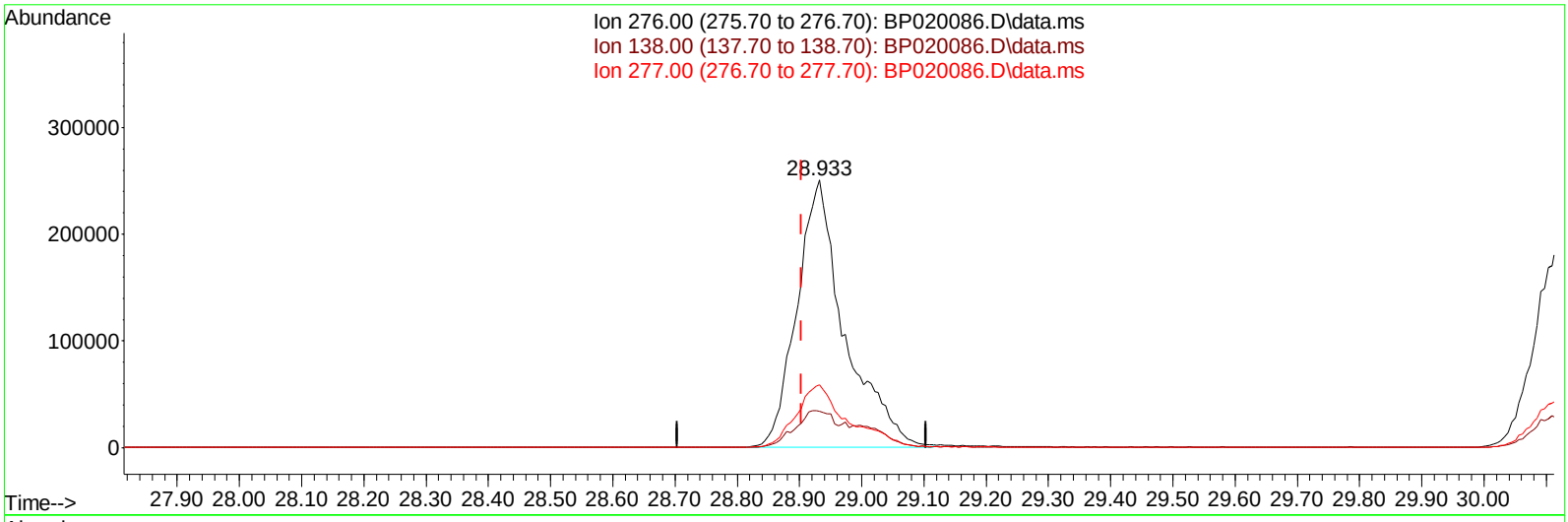

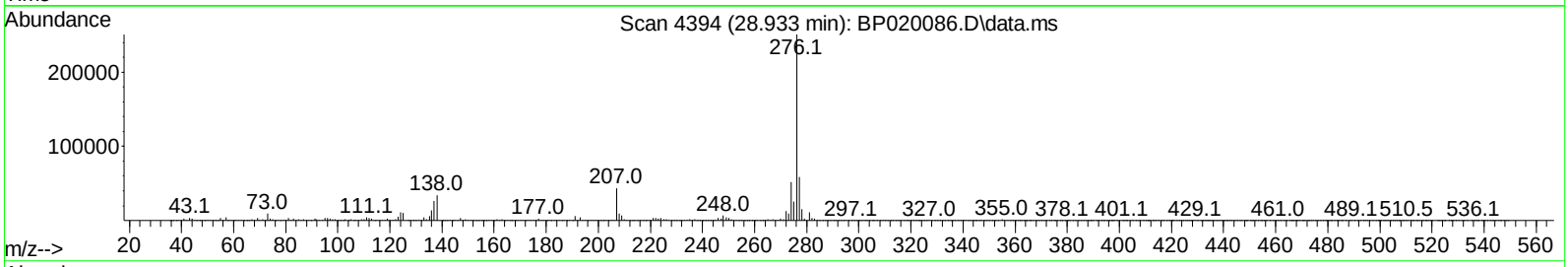

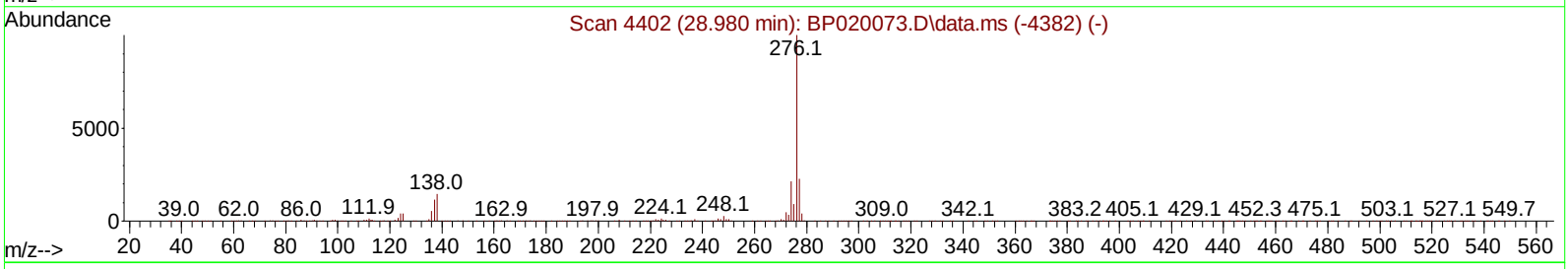

TIC: BP020086.D\data.ms

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

28.933min (+ 0.029) 32.13 ng/ul m

response 1336472

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	13.57
277.00	23.30	23.42
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	101515	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	403207	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	276754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	603902	20.000	ng/ul	0.01
79) Chrysene-d12	21.668	240	562586	20.000	ng/ul	0.01
88) Perylene-d12	25.056	264	617722	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18238	7.361	ng/uL	0.00
4) Pyridine-d5	3.628	84	204637	28.061	ng/ul	0.00
7) Phenol-d5	6.828	99	271804	30.721	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	181418	29.336	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	198133	32.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.351	113	207352	30.003	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	99369	34.261	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	112313	35.824	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	215901	34.714	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	257957	31.069	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	609520	32.226	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	724271	32.128	ng/ul	0.01
54) 4-Nitrophenol-d4	14.569	143	108149	37.562	ng/ul	0.01
60) Fluorene-d10	15.345	176	548069	32.552	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	92653	26.262	ng/ul	0.02
73) Anthracene-d10	17.274	188	862149	31.866	ng/ul	0.01
81) Pyrene-d10	19.674	212	1050728	34.753	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.827	264	970664	32.167	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	27418	9.845	ng/uL	97
5) Pyridine	3.646	79	208094	27.560	ng/ul	97
6) Benzaldehyde	6.810	77	182818	34.565	ng/ul	98
8) Phenol	6.851	94	276584	29.666	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.081	93	214930	28.232	ng/ul	94
12) 2-Chlorophenol	7.210	128	198930	31.252	ng/ul	96
13) 2-Methylphenol	8.087	108	195307	28.584	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.163	45	301615	27.107	ng/ul	99
16) Acetophenone	8.463	105	330273	27.898	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.445	70	186783	27.009	ng/ul	94
18) 4-Methylphenol	8.410	108	214780	29.541	ng/ul	99
19) Hexachloroethane	8.693	117	94322	30.106	ng/ul	98
22) Nitrobenzene	8.840	77	282802	29.920	ng/ul	99
23) Isophorone	9.363	82	508444	28.983	ng/ul	97
25) 2-Nitrophenol	9.540	139	115581	34.612	ng/ul	97
26) 2,4-Dimethylphenol	9.604	107	189559	23.729	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.840	93	284990	28.972	ng/ul	99
29) 2,4-Dichlorophenol	10.075	162	199720	32.978	ng/ul	98
30) Naphthalene	10.463	128	632911	30.270	ng/ul	100
32) 4-Chloroaniline	10.592	127	251460	30.527	ng/ul	98
33) Hexachlorobutadiene	10.722	225	154825	31.090	ng/ul	98
34) Caprolactam	11.398	113	67082m	35.343	ng/ul	
35) 4-Chloro-3-methylphenol	11.728	107	234996	32.366	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.086	142	440222	30.497	ng/ul	98
37) 1-Methylnaphthalene	12.316	142	445500	31.078	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	276753	30.685	ng/ul#	95
40) Hexachlorocyclopentadiene	12.422	237	77780	14.969	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	174204	32.235	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	184696	32.878	ng/ul	97
43) 1,1'-Biphenyl	13.122	154	587878	29.629	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	468473	29.555	ng/ul	98
45) 2-Nitroaniline	13.398	65	178360	34.635	ng/ul	93
47) Dimethylphthalate	13.775	163	593697	30.569	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	121011	33.019	ng/ul	99
50) Acenaphthylene	14.033	152	739874	29.116	ng/ul	99
51) 3-Nitroaniline	14.257	138	128811	37.134	ng/ul	95
52) Acenaphthene	14.386	153	494884	29.544	ng/ul	100
53) 2,4-Dinitrophenol	14.486	184	53132	24.109	ng/ul	95
55) 4-Nitrophenol	14.586	109	107369	32.731	ng/ul	99
56) Dibenzofuran	14.733	168	703954	30.439	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	184118	35.488	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.975	232	170981	35.147	ng/ul#	98
59) Diethylphthalate	15.186	149	605158	31.029	ng/ul	98
61) Fluorene	15.404	166	588767	30.812	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	306388	29.511	ng/ul	97
63) 4-Nitroaniline	15.457	138	128422	41.697	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.516	198	91807	25.036	ng/ul	99
67) N-Nitrosodiphenylamine	15.633	169	504157	30.181	ng/ul	98
68) 4-Bromophenyl-phenylether	16.333	248	200001	30.197	ng/ul	97
69) Hexachlorobenzene	16.433	284	229474	32.006	ng/ul	95
70) Atrazine	16.633	200	191200	31.169	ng/ul	98
71) Pentachlorophenol	16.804	266	140153	32.252	ng/ul	99
72) Phenanthrene	17.216	178	942451	30.056	ng/ul	100
74) Anthracene	17.310	178	946171	29.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	273001	28.514	ng/uL	97
76) Pentachlorobenzene	14.645	250	261414	29.015	ng/uL	98
77) Carbazole	17.604	167	874704	31.919	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1086065	32.849	ng/ul	99
80) Fluoranthene	19.327	202	1164421	32.758	ng/ul	99
82) Pyrene	19.704	202	1217383	32.919	ng/ul	99
83) Butylbenzylphthalate	20.680	149	493657	35.010	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.574	252	363024	29.182	ng/ul	99
85) Benzo(a)anthracene	21.651	228	1208111	31.045	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	704799	32.424	ng/ul	98
87) Chrysene	21.715	228	1107637	30.224	ng/ul	99
89) Di-n-octyl phthalate	22.915	149	1244940	32.609	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	1192583	32.034	ng/ul	99
91) Benzo(k)fluoranthene	24.056	252	1132266	29.666	ng/ul	100
93) Benzo(a)pyrene	24.909	252	960816	26.782	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.933	276	1336472m	32.127	ng/ul	
95) Dibenzo(a,h)anthracene	29.009	278	1081442	31.906	ng/ul	99
96) Benzo(g,h,i)perylene	30.121	276	1009932	30.353	ng/ul	98

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

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