Quantitation Report (Qedit)

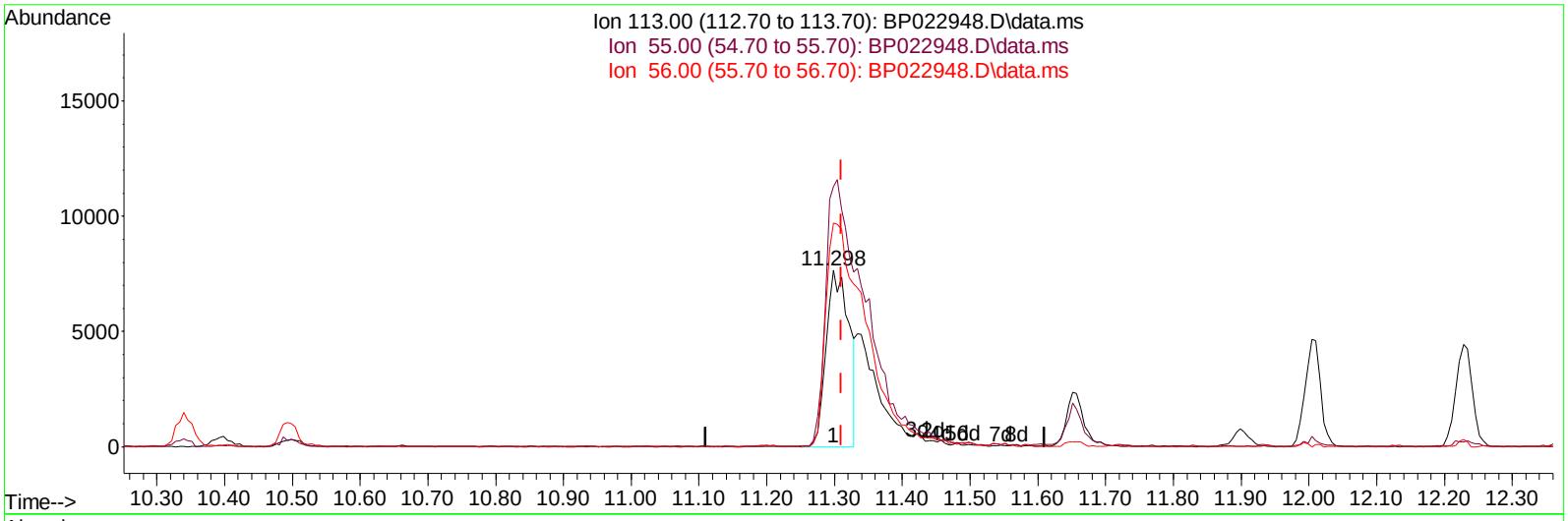
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022948.D
Acq On : 09 Nov 2024 02:24
Operator : RC/JU
Sample : PB164776BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

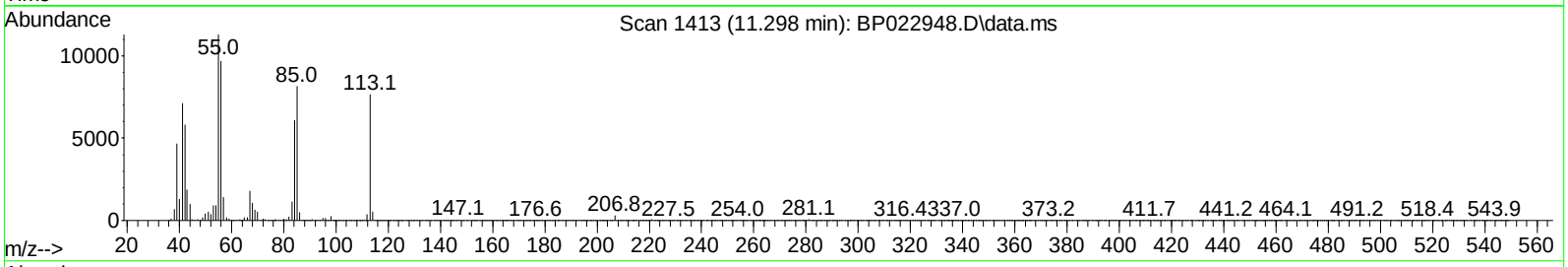
Quant Time: Nov 09 03:24:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

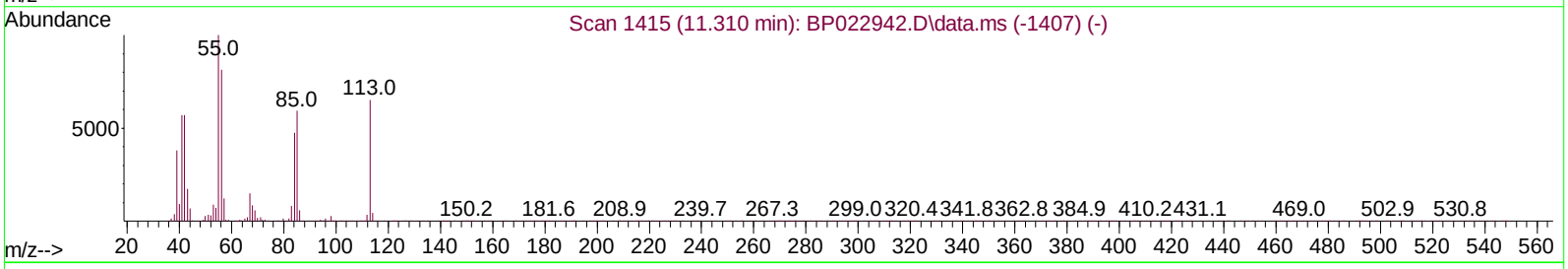
Instrument :
BNA_P
ClientSampleId :
SLCS776

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BP022948.D\data.ms

(34) Caprolactam

11.298min (-0.012) 18.81 ng/ul

response 17904

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	147.67
56.00	124.80	126.85
0.00	0.00	0.00

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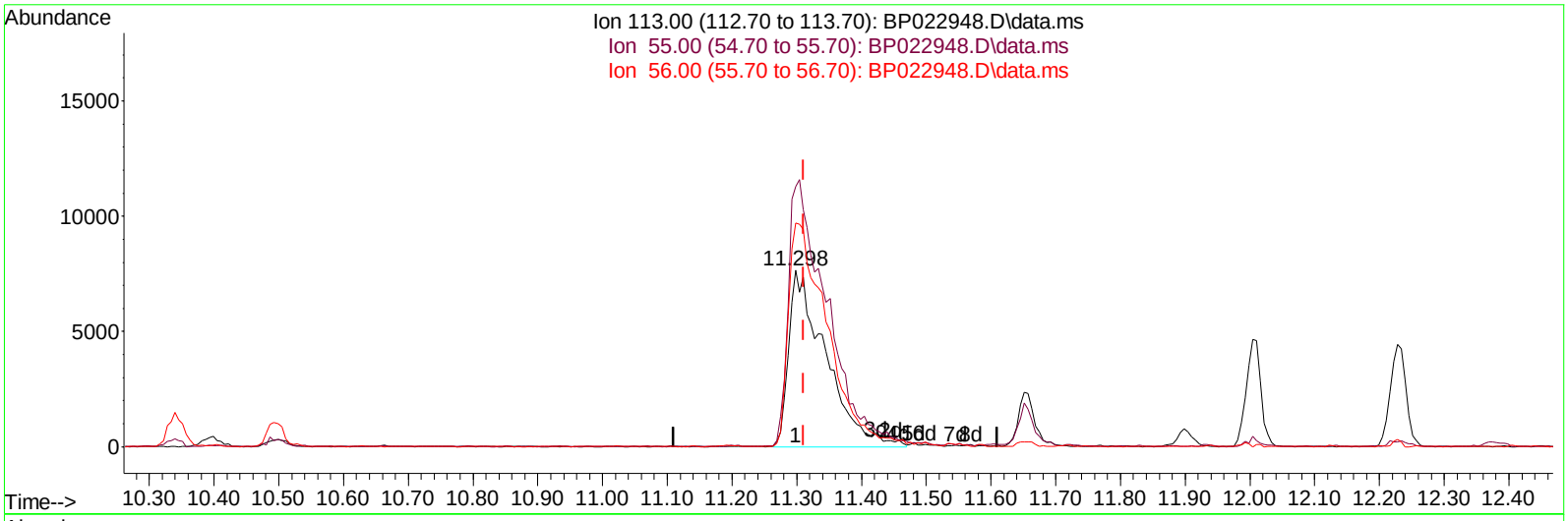

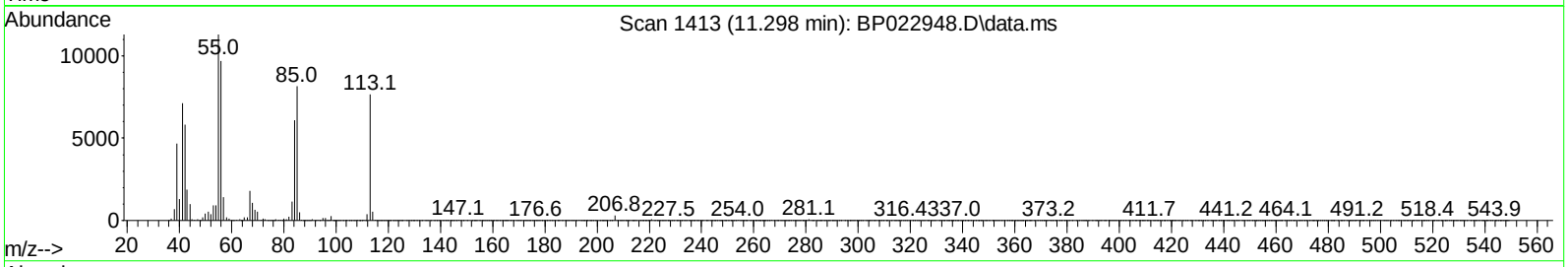

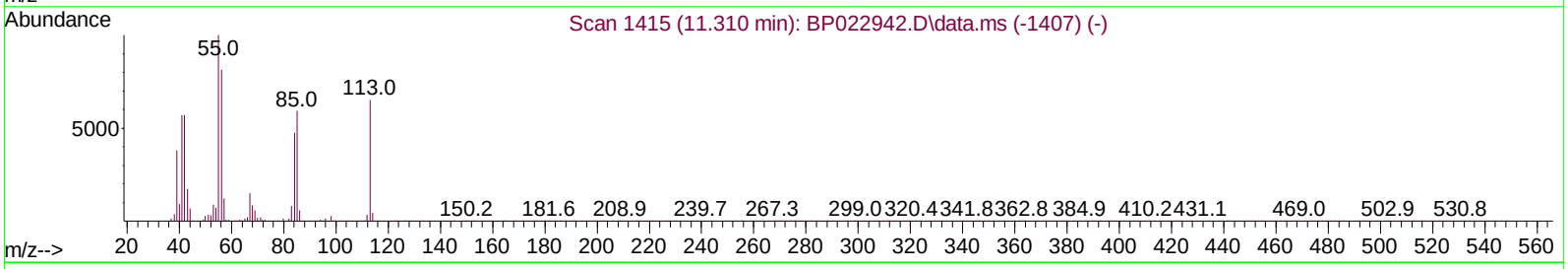

TIC: BP022948.D\data.ms

(34) Caprolactam

11.298min (-0.012) 31.84 ng/ul m

response 30299

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	147.67
56.00	124.80	126.85
0.00	0.00	0.00

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Acq On : 09 Nov 2024 02:24
Operator : RC/JU
Sample : PB164776BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 09 03:39:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
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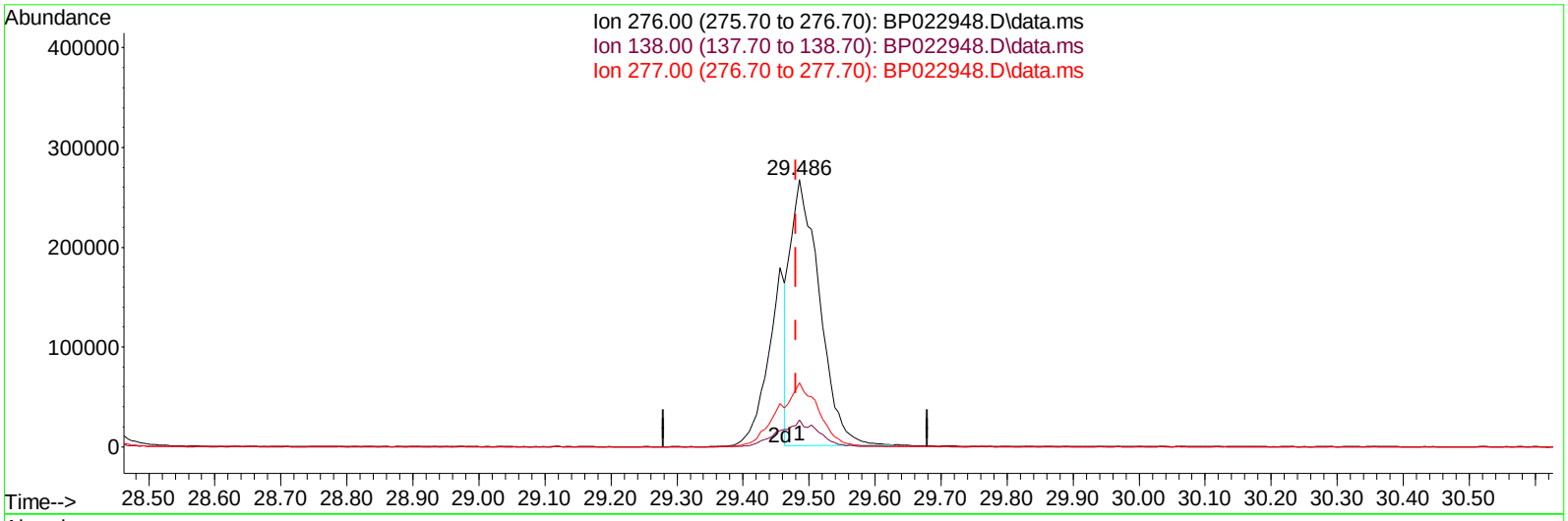

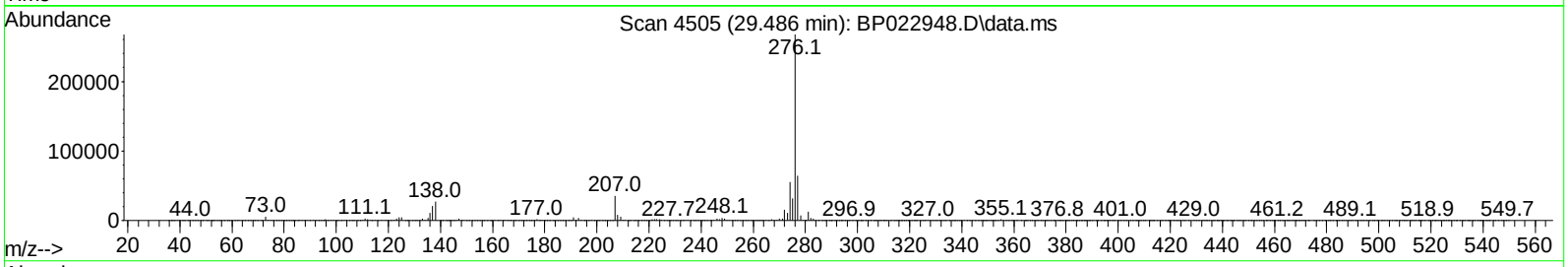

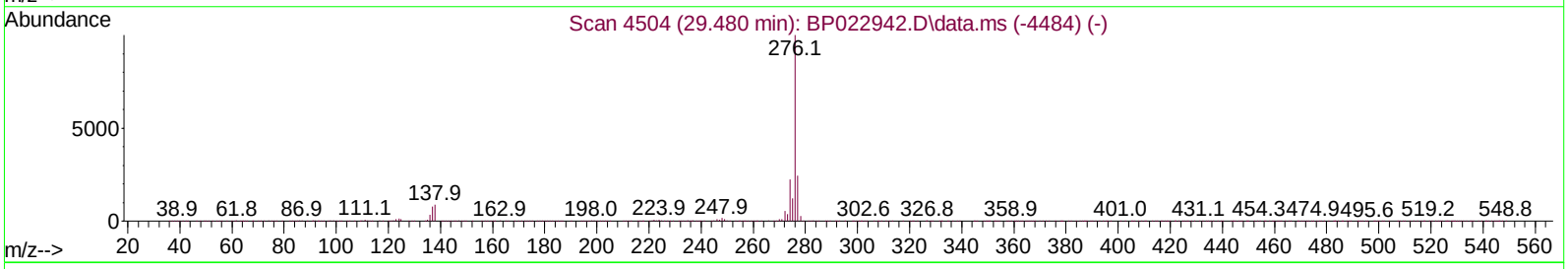

TIC: BP022948.D\data.ms

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

29.486min (+ 0.006) 23.70 ng/ul

response 828650

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	10.06
277.00	24.30	24.00
0.00	0.00	0.00

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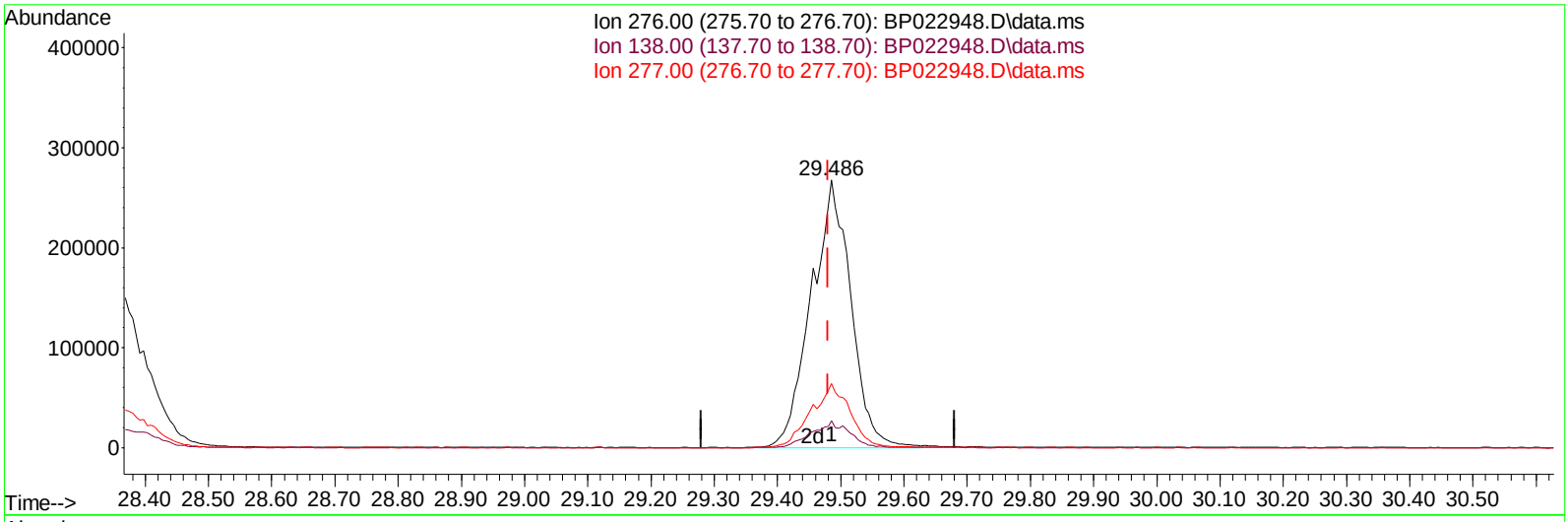

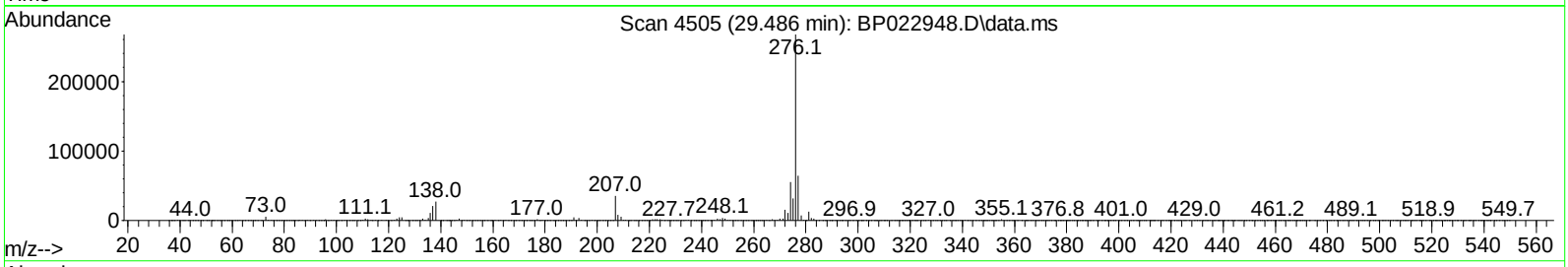

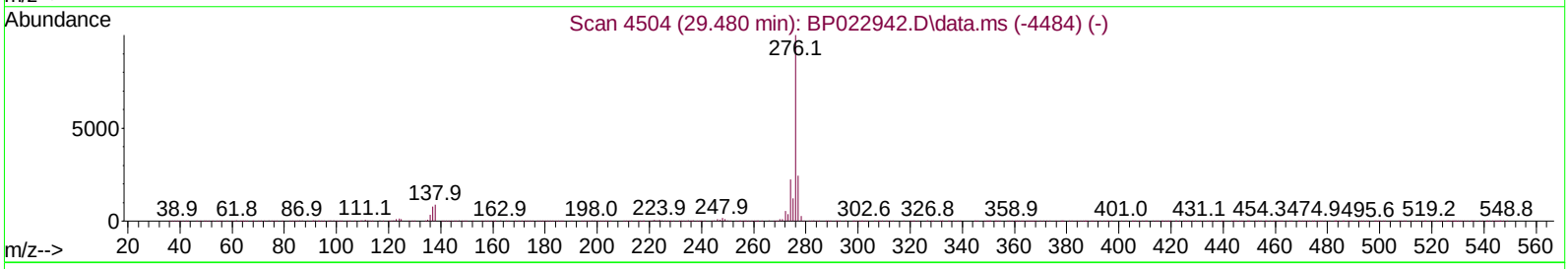

TIC: BP022948.D\data.ms

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

29.486min (+ 0.006) 33.31 ng/ul m

response 1164706

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	10.06
277.00	24.30	24.00
0.00	0.00	0.00

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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	7.593	152	46469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	185846	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	160979	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.016	188	432030	20.000	ng/ul	-0.02
79) Chrysene-d12	21.457	240	541992	20.000	ng/ul	0.00
88) Perylene-d12	24.680	264	656786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	6319	6.536	ng/uL	0.00
4) Pyridine-d5	3.552	84	94838	33.019	ng/ul	0.00
7) Phenol-d5	6.793	99	120603	35.104	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	63902	31.659	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.134	132	90431	35.940	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	98025	34.672	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	43751	33.816	ng/ul	0.00
24) 2-Nitrophenol-d4	9.452	143	53476	34.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	115348	35.710	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.493	131	118785	30.824	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	387833	33.427	ng/ul	0.02
49) Acenaphthylene-d8	13.904	160	399500	33.000	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	61054	35.016	ng/ul	-0.01
60) Fluorene-d10	15.216	176	344975	33.913	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	84125	32.505	ng/ul	0.00
73) Anthracene-d10	17.122	188	620708	33.932	ng/ul	0.00
81) Pyrene-d10	19.510	212	808163	32.372	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	1115887	35.668	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	13155	11.777	ng/uL	92
5) Pyridine	3.569	79	90632	31.420	ng/ul	98
6) Benzaldehyde	6.763	77	7153	3.618	ng/ul	97
8) Phenol	6.816	94	123194	34.339	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.028	93	84535	31.357	ng/ul	93
12) 2-Chlorophenol	7.169	128	90481	34.636	ng/ul	99
13) 2-Methylphenol	8.040	108	87940	32.838	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.099	45	95564	31.313	ng/ul	98
16) Acetophenone	8.405	105	149548	31.479	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.387	70	80197	33.808	ng/ul	98
18) 4-Methylphenol	8.363	108	98372	33.257	ng/ul	99
19) Hexachloroethane	8.646	117	40204	31.822	ng/ul	95
22) Nitrobenzene	8.775	77	119808	32.272	ng/ul	95
23) Isophorone	9.299	82	213538	32.168	ng/ul	99
25) 2-Nitrophenol	9.475	139	53266	32.718	ng/ul	95
26) 2,4-Dimethylphenol	9.540	107	114605	32.599	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.769	93	116933	32.015	ng/ul	96
29) 2,4-Dichlorophenol	10.010	162	110991	34.690	ng/ul	99
30) Naphthalene	10.393	128	286142	31.692	ng/ul	100
32) 4-Chloroaniline	10.522	127	61215	16.396	ng/ul	97
33) Hexachlorobutadiene	10.669	225	91262	31.524	ng/ul	99
34) Caprolactam	11.298	113	30299m	31.838	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	120211	34.925	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	217366	31.889	ng/ul	98
37) 1-Methylnaphthalene	12.228	142	216297	31.041	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	169009	31.098	ng/ul	97
40) Hexachlorocyclopentadiene	12.351	237	76863	26.927	ng/ul	100
41) 2,4,6-Trichlorophenol	12.634	196	110945	33.525	ng/ul	97
42) 2,4,5-Trichlorophenol	12.716	196	117715	32.995	ng/ul	94
43) 1,1'-Biphenyl	13.034	154	327257	31.726	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	264092	31.320	ng/ul	99
45) 2-Nitroaniline	13.298	65	81239	34.312	ng/ul	92
47) Dimethylphthalate	13.675	163	365897	31.978	ng/ul	99
48) 2,6-Dinitrotoluene	13.792	165	75686	34.005	ng/ul	97
50) Acenaphthylene	13.934	152	388356	31.736	ng/ul	99
51) 3-Nitroaniline	14.134	138	61252	31.952	ng/ul	99
52) Acenaphthene	14.275	153	283374	31.896	ng/ul	99
53) 2,4-Dinitrophenol	14.375	184	52212	33.061	ng/ul	97
55) 4-Nitrophenol	14.475	109	75264	36.895	ng/ul	94
56) Dibenzofuran	14.616	168	437257	31.855	ng/ul	98
57) 2,4-Dinitrotoluene	14.604	165	121077	34.132	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.851	232	119285	34.205	ng/ul	97
59) Diethylphthalate	15.057	149	374665	33.108	ng/ul	98
61) Fluorene	15.269	166	368470	32.797	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.275	204	215798	32.622	ng/ul	99
63) 4-Nitroaniline	15.328	138	70711	39.640	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.392	198	87865	31.782	ng/ul#	99
67) N-Nitrosodiphenylamine	15.498	169	321502	32.205	ng/ul	100
68) 4-Bromophenyl-phenylether	16.198	248	155221	31.728	ng/ul	98
69) Hexachlorobenzene	16.304	284	198706	32.264	ng/ul	96
70) Atrazine	16.486	200	147862	30.641	ng/ul	99
71) Pentachlorophenol	16.669	266	120993	31.643	ng/ul	98
72) Phenanthrene	17.057	178	659105	32.312	ng/ul	99
74) Anthracene	17.163	178	668566	32.599	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	169668	29.745	ng/uL	99
76) Pentachlorobenzene	14.539	250	198222	30.434	ng/uL	98
77) Carbazole	17.439	167	578815	32.349	ng/ul	99
78) Di-n-butylphthalate	18.022	149	667090	33.597	ng/ul	99
80) Fluoranthene	19.163	202	898467	31.240	ng/ul	99
82) Pyrene	19.539	202	967884	31.326	ng/ul	99
83) Butylbenzylphthalate	20.486	149	339588	33.383	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	397333	32.659	ng/ul	100
85) Benzo(a)anthracene	21.439	228	1072298	32.401	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	487550	33.727	ng/ul	98
87) Chrysene	21.504	228	1021895	32.816	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	831994	31.224	ng/ul	100
90) Benzo(b)fluoranthene	23.663	252	1279329	34.996	ng/ul	99
91) Benzo(k)fluoranthene	23.727	252	1219733	33.893	ng/ul	98
93) Benzo(a)pyrene	24.527	252	1123067	33.985	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.333	276	1513482	32.872	ng/ul	97
95) Dibenzo(a,h)anthracene	28.398	278	1213770	32.468	ng/ul	98
96) Benzo(g,h,i)perylene	29.486	276	1164706m	33.305	ng/ul	

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

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