Quantitation Report (Qedit)

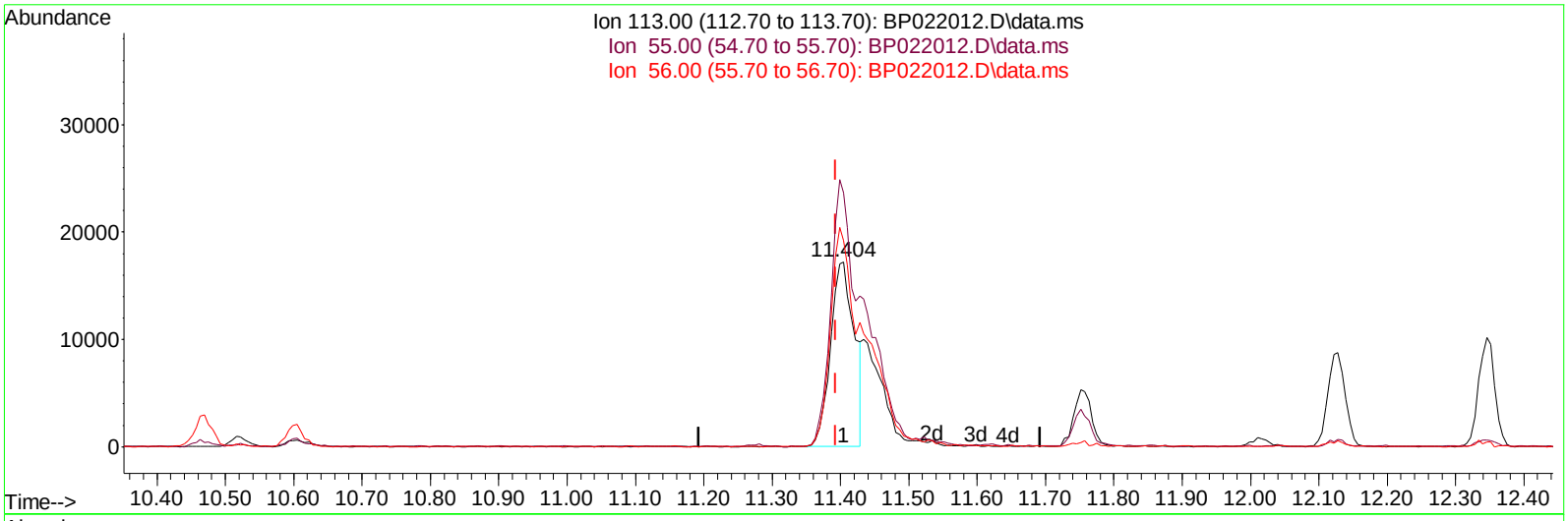
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022012.D
Acq On : 25 Sep 2024 02:29
Operator : RC/JU
Sample : PB163472BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

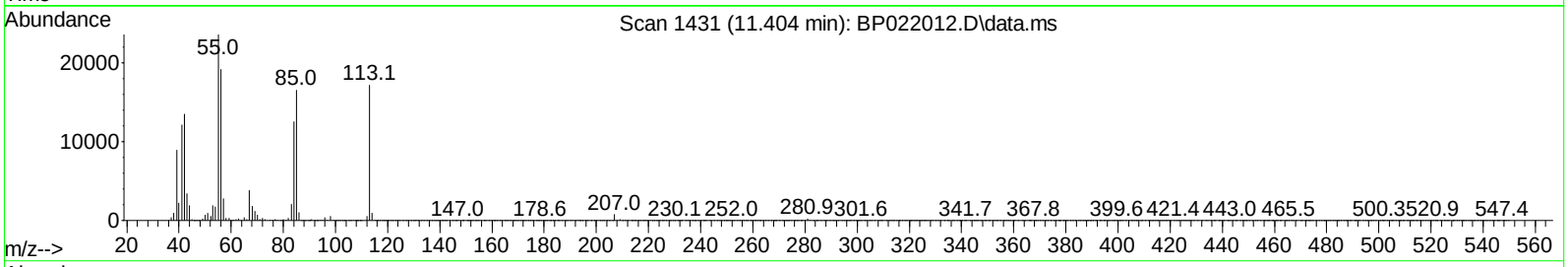
Quant Time: Sep 25 02:56:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

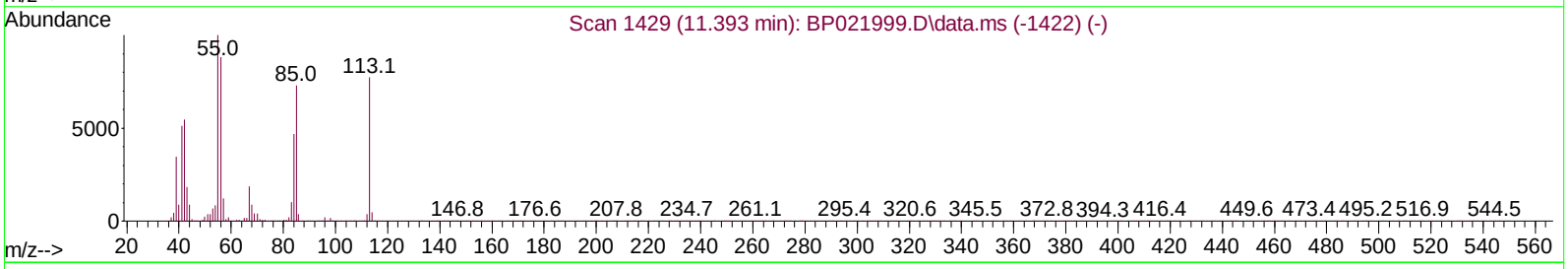
Instrument :
BNA_P
ClientSampleId :
SLCS472

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP022012.D\data.ms

(34) Caprolactam

11.404min (+ 0.012) 18.40 ng/ul

response 41473

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	137.12
56.00	127.30	111.55
0.00	0.00	0.00

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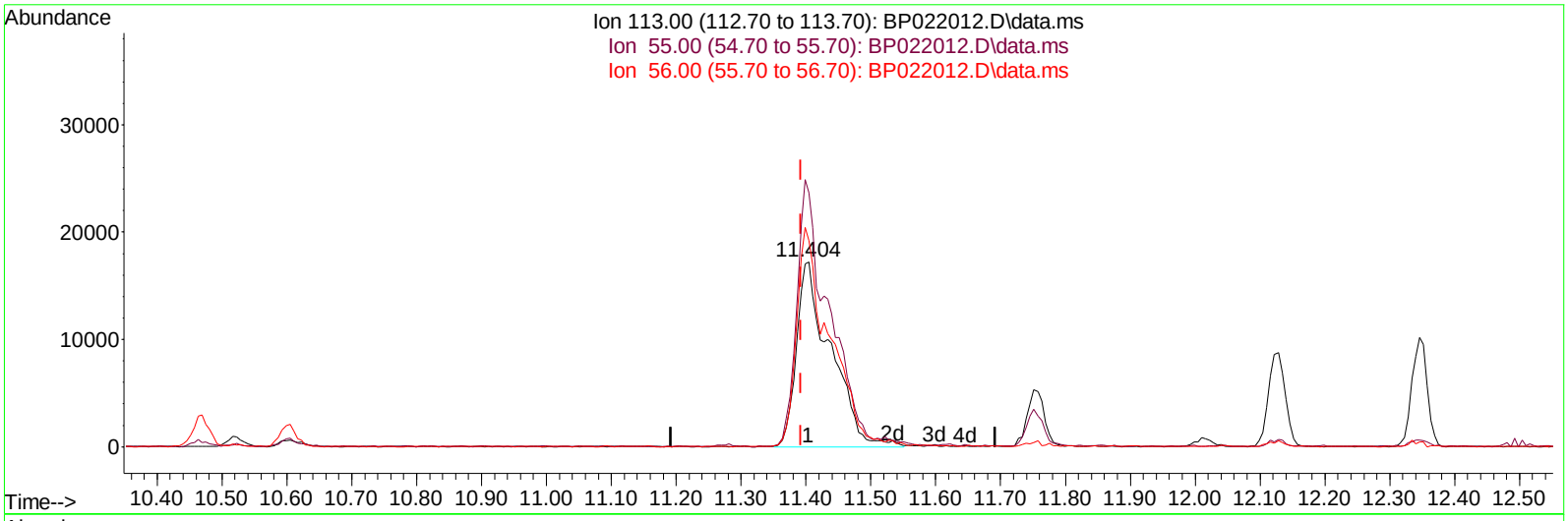

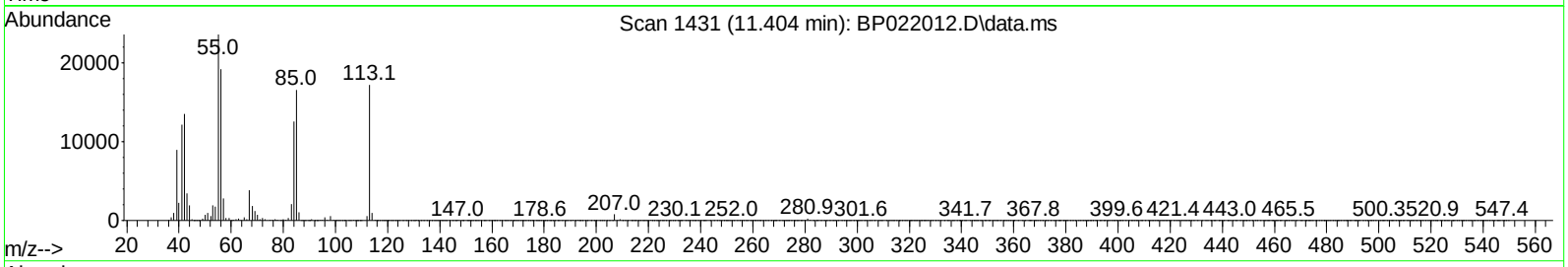

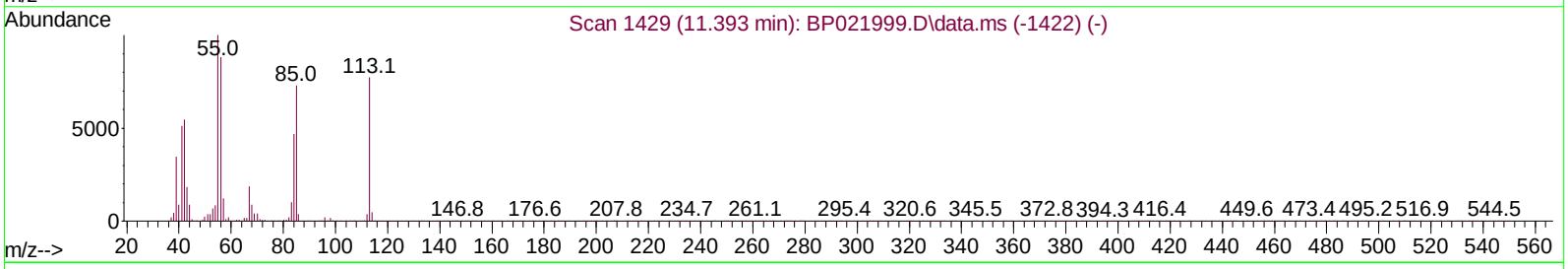

TIC: BP022012.D\data.ms

(34) Caprolactam

11.404min (+ 0.012) 27.95 ng/ul m

response 62991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	137.12
56.00	127.30	111.55
0.00	0.00	0.00

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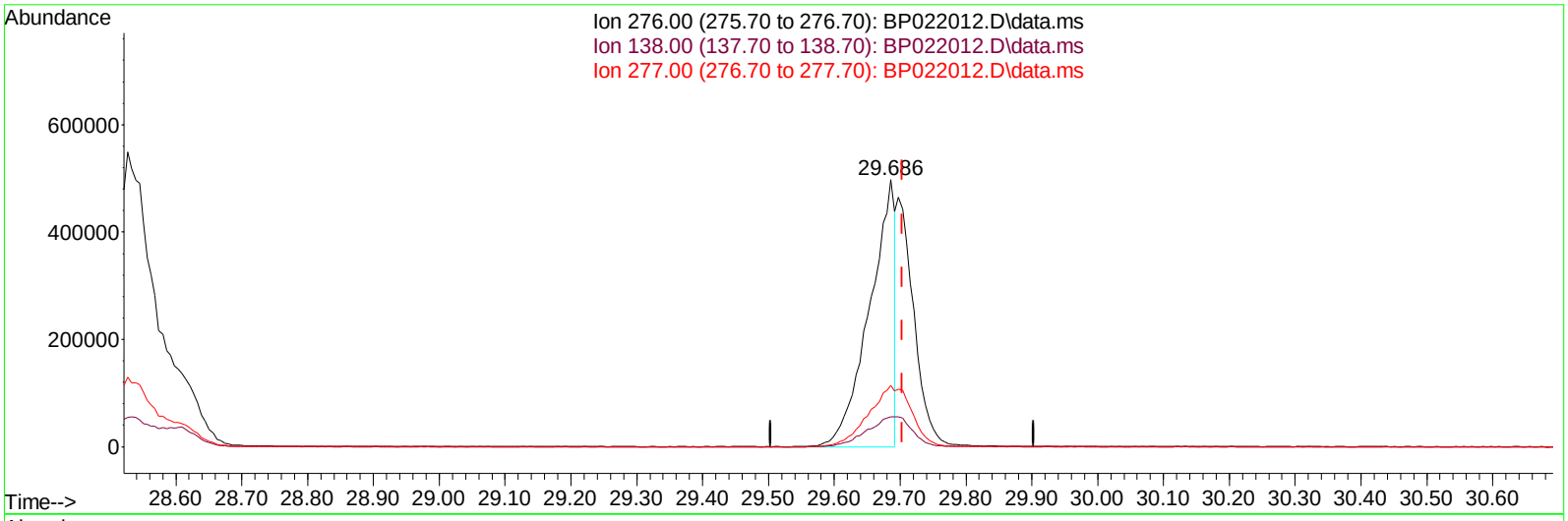

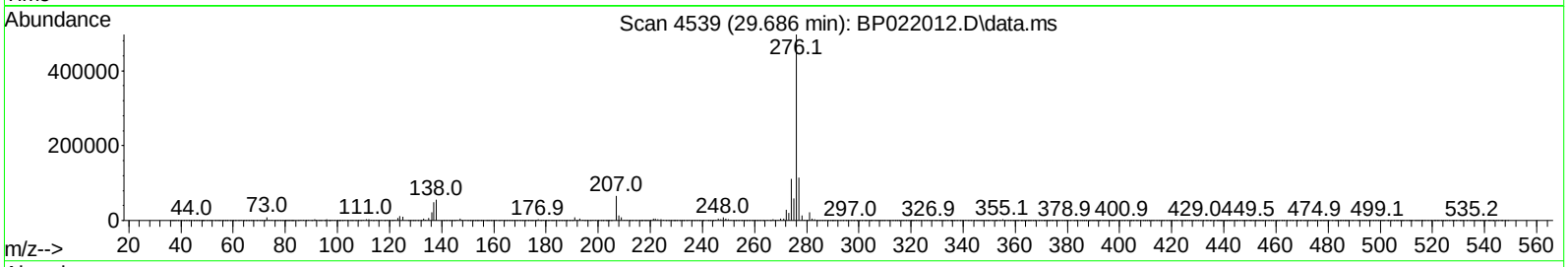

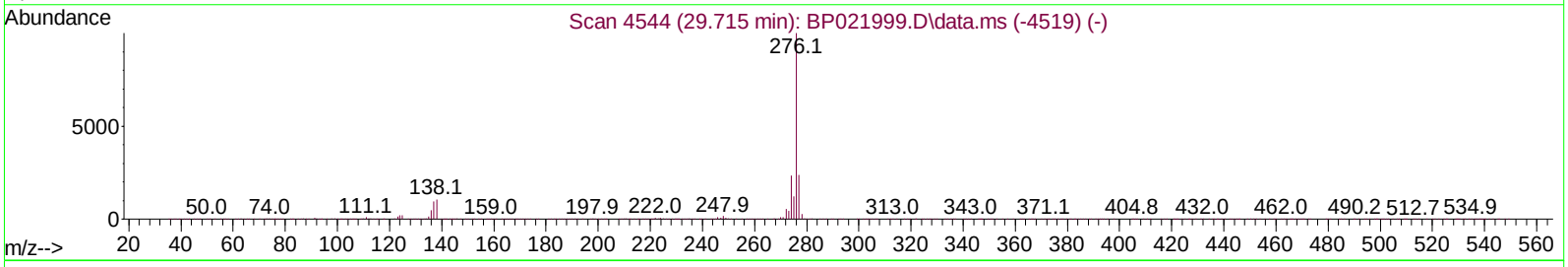

TIC: BP022012.D\data.ms

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

29.686min (-0.018) 19.74 ng/ul

response 1344757

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.21
277.00	23.90	23.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Time: Sep 25 02:56:19 2024
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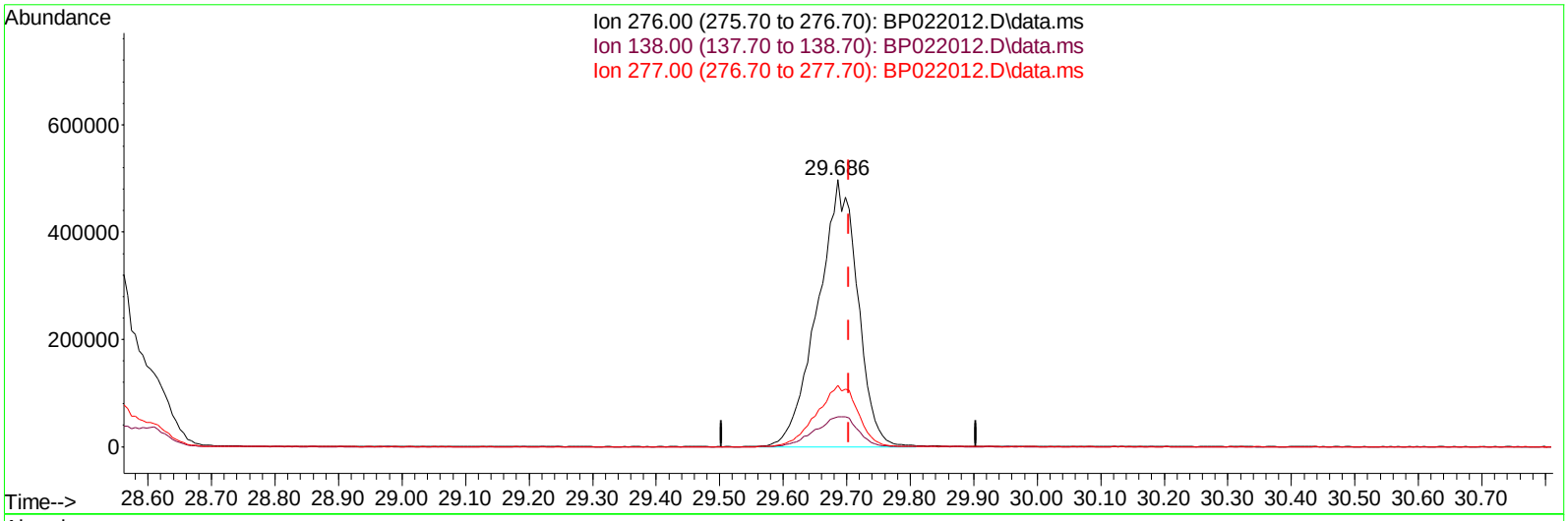

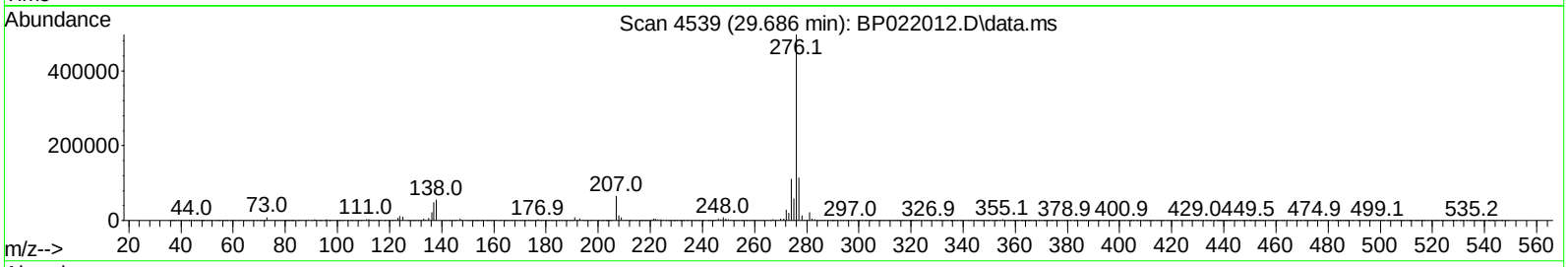

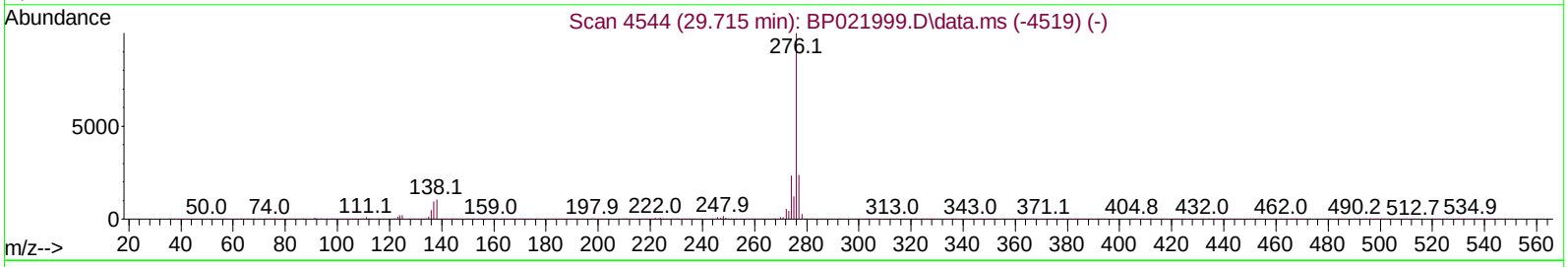

TIC: BP022012.D\data.ms

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

29.686min (-0.018) 31.93 ng/ul m

response 2175479

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.21
277.00	23.90	23.10
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : PB163472BS
Misc :
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Quant Time: Sep 25 02:59:43 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	104806	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	405730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	326429	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	824932	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1003213	20.000	ng/ul	0.00
88) Perylene-d12	24.810	264	1177379	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	13168	4.921	ng/uL	0.00
4) Pyridine-d5	3.634	84	190123	24.858	ng/ul	0.00
7) Phenol-d5	6.893	99	240953	28.105	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	147567	27.953	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	182583	29.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	192871	28.391	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	89684	29.533	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	108992	31.654	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	227649	30.445	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	248118	27.810	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	780766	30.942	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	816162	30.550	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	129122	29.916	ng/ul	0.00
60) Fluorene-d10	15.322	176	683266	30.612	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	151203	29.523	ng/ul	0.00
73) Anthracene-d10	17.210	188	1164513	30.238	ng/ul	0.00
81) Pyrene-d10	19.586	212	1567508	30.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.580	264	1869051	30.182	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	30618	10.564	ng/uL	98
5) Pyridine	3.658	79	192855	24.819	ng/ul	99
6) Benzaldehyde	6.863	77	101428	20.914	ng/ul	99
8) Phenol	6.916	94	275074	30.745	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.140	93	206916	30.216	ng/ul	98
12) 2-Chlorophenol	7.281	128	201616	31.353	ng/ul	97
13) 2-Methylphenol	8.146	108	200840	30.952	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.234	45	189416	29.818	ng/ul	98
16) Acetophenone	8.516	105	348450	30.836	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.505	70	190256	32.477	ng/ul	98
18) 4-Methylphenol	8.475	108	223003	31.515	ng/ul	94
19) Hexachloroethane	8.775	117	91736	30.221	ng/ul	100
22) Nitrobenzene	8.887	77	290062	31.242	ng/ul	99
23) Isophorone	9.410	82	527093	32.776	ng/ul	98
25) 2-Nitrophenol	9.593	139	123184	33.436	ng/ul	95
26) 2,4-Dimethylphenol	9.657	107	221666	26.560	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.887	93	294803	31.801	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	242150	32.595	ng/ul	98
30) Naphthalene	10.516	128	659836	30.908	ng/ul	99
32) 4-Chloroaniline	10.628	127	230053	26.035	ng/ul	99
33) Hexachlorobutadiene	10.810	225	199889	30.306	ng/ul	97
34) Caprolactam	11.404	113	62991m	27.952	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	271053	33.725	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	506997	31.957	ng/ul	99
37) 1-Methylnaphthalene	12.346	142	517012	32.312	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	379513	31.358	ng/ul	96
40) Hexachlorocyclopentadiene	12.481	237	198654	26.095	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	206630	28.560	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	234178	29.890	ng/ul	96
43) 1,1'-Biphenyl	13.146	154	748465	32.064	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	595246	31.671	ng/ul	99
45) 2-Nitroaniline	13.387	65	195684	36.007	ng/ul	98
47) Dimethylphthalate	13.769	163	834881	32.942	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	169745	34.936	ng/ul	100
50) Acenaphthylene	14.034	152	924812	33.195	ng/ul	99
51) 3-Nitroaniline	14.216	138	155847	35.232	ng/ul	100
52) Acenaphthene	14.381	153	630292	31.136	ng/ul	98
53) 2,4-Dinitrophenol	14.428	184	103848	31.413	ng/ul	97
55) 4-Nitrophenol	14.540	109	161096	32.991	ng/ul	93
56) Dibenzofuran	14.722	168	983616	32.683	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	262592	35.071	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.951	232	191588	25.404	ng/ul	99
59) Diethylphthalate	15.151	149	850823	33.921	ng/ul	99
61) Fluorene	15.381	166	819190	32.730	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	479865	33.302	ng/ul	98
63) 4-Nitroaniline	15.398	138	175471	38.975	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.463	198	175416	31.460	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	712593	32.797	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	333867	33.702	ng/ul	99
69) Hexachlorobenzene	16.404	284	409690	34.059	ng/ul	98
71) Pentachlorophenol	16.757	266	178965	22.299	ng/ul	97
72) Phenanthrene	17.157	178	1436962	33.223	ng/ul	99
74) Anthracene	17.245	178	1402673	31.868	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	408140	32.970	ng/uL	98
76) Pentachlorobenzene	14.640	250	390190	28.663	ng/uL	98
77) Carbazole	17.528	167	1282168	33.051	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1564074	34.971	ng/ul	99
80) Fluoranthene	19.239	202	1967700	33.123	ng/ul	99
82) Pyrene	19.622	202	2070574	32.381	ng/ul	97
83) Butylbenzylphthalate	20.563	149	784119	35.186	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	795363	34.626	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2319642	33.551	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1186312	36.283	ng/ul	99
87) Chrysene	21.580	228	2189513	33.744	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	2071676	35.619	ng/ul	100
90) Benzo(b)fluoranthene	23.768	252	2498121	34.179	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	2374129	32.592	ng/ul	99
93) Benzo(a)pyrene	24.663	252	2032335	30.177	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.527	276	2824873	32.170	ng/ul	98
95) Dibenzo(a,h)anthracene	28.604	278	2268423	32.068	ng/ul	98
96) Benzo(g,h,i)perylene	29.686	276	2175479m	31.928	ng/ul	

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

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