Quantitation Report (Qedit)

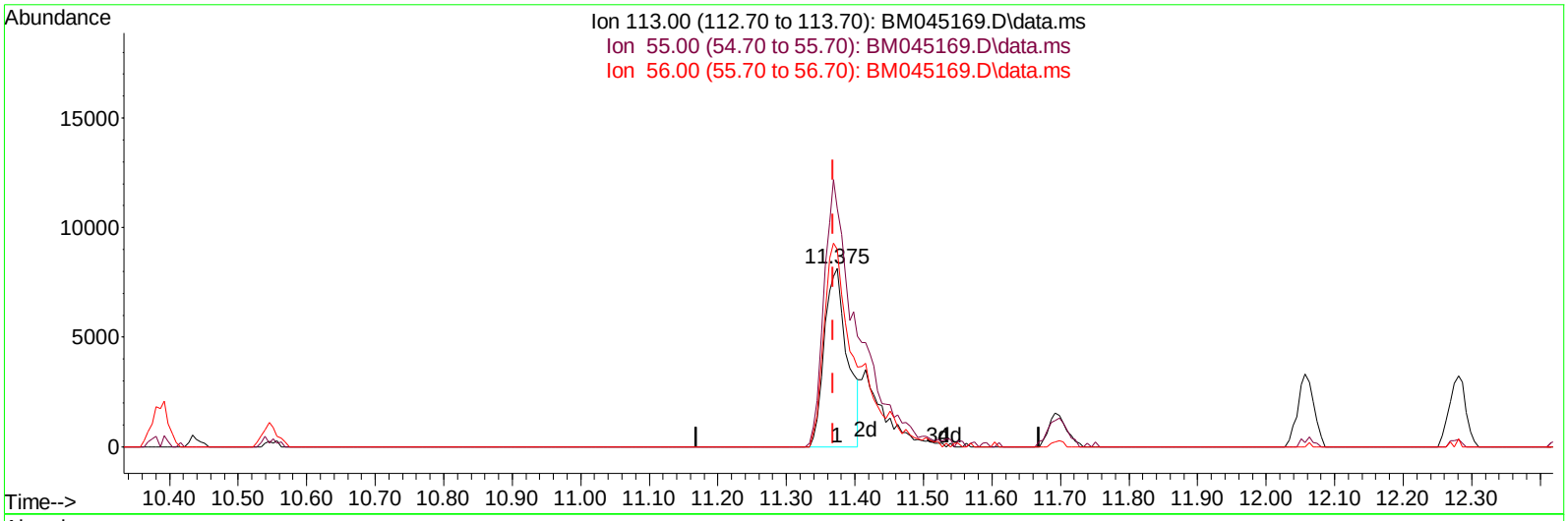
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045169.D
Acq On : 12 Apr 2024 13:35
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

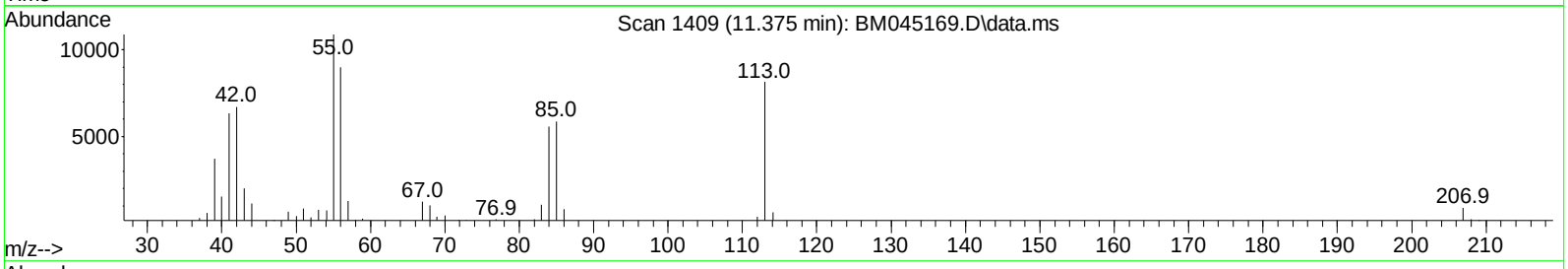
Quant Time: Apr 12 14:09:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

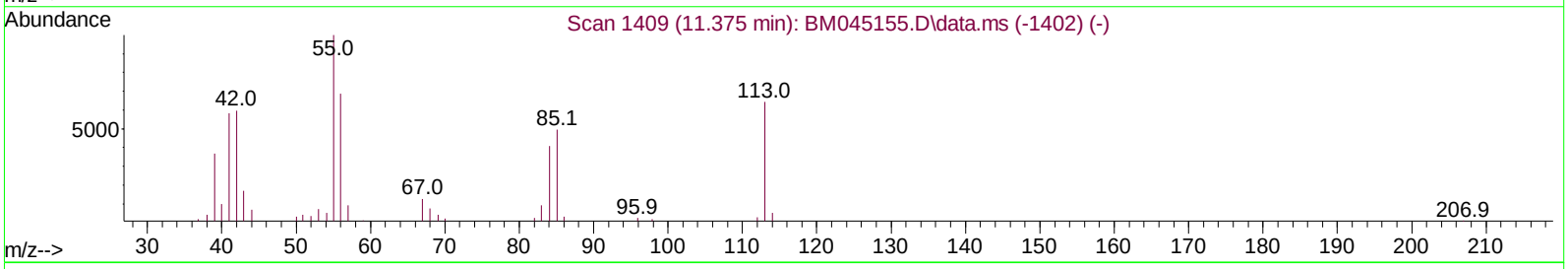
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024







TIC: BM045169.D\data.ms

(34) Caprolactam

11.375min (+ 0.006) 13.36 ng/ul

response 19003

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	133.60
56.00	114.80	110.56
0.00	0.00	0.00

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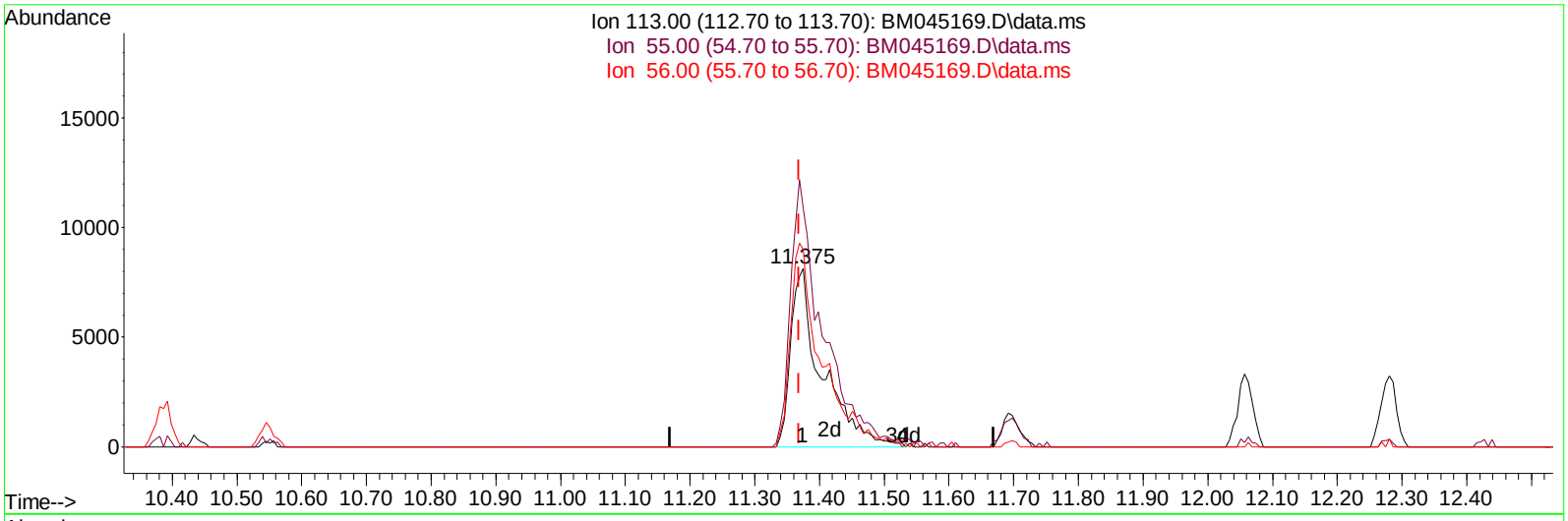

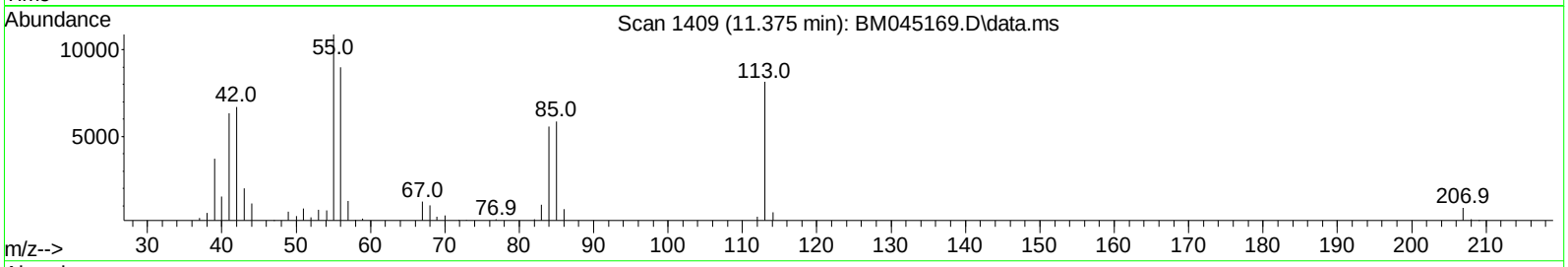

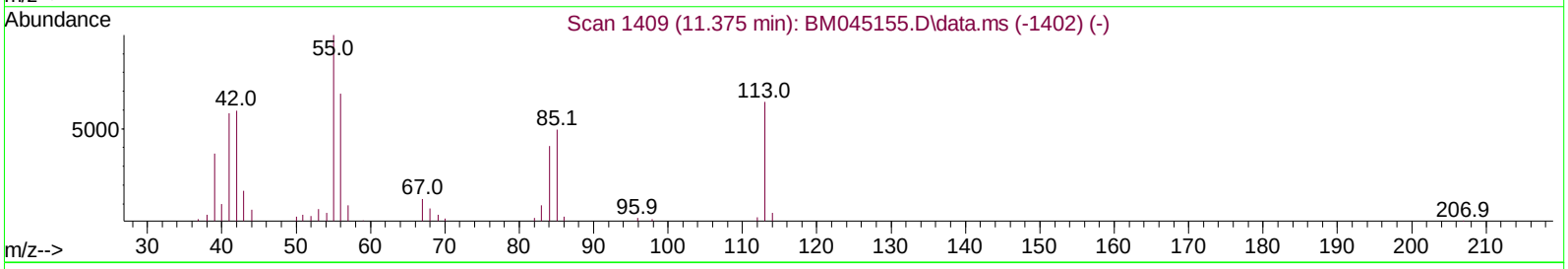

TIC: BM045169.D\data.ms

(34) Caprolactam

11.375min (+ 0.006) 19.18 ng/ul m

response 27276

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	133.60
56.00	114.80	110.56
0.00	0.00	0.00

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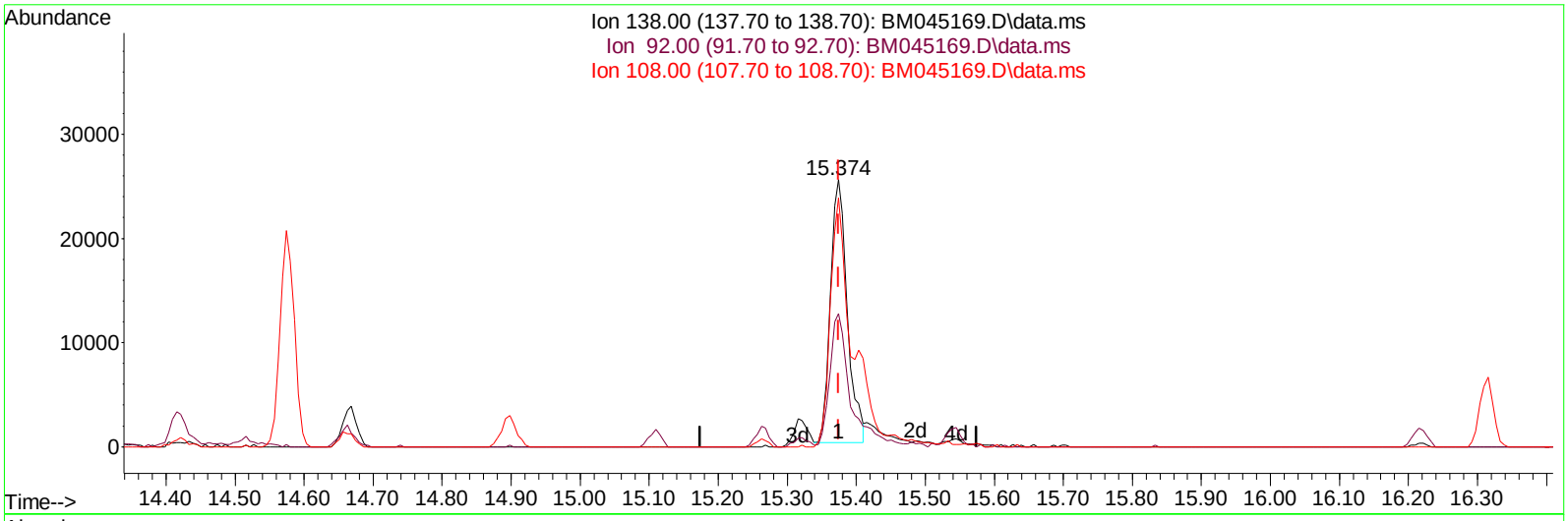

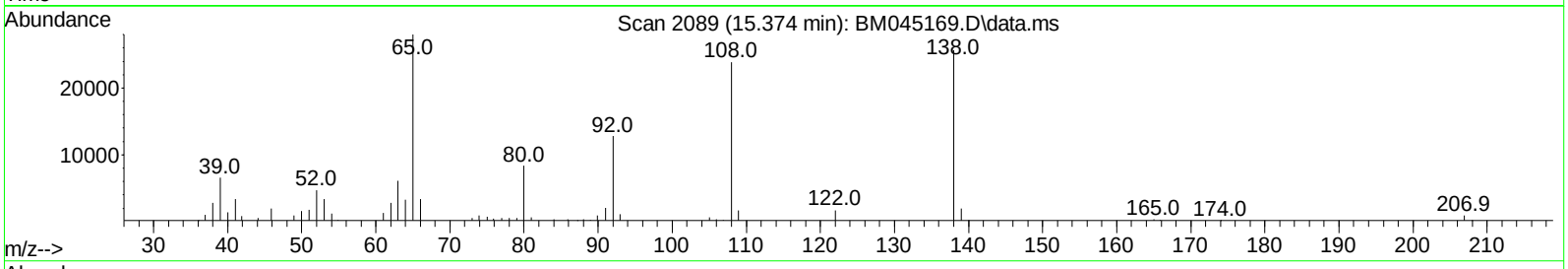

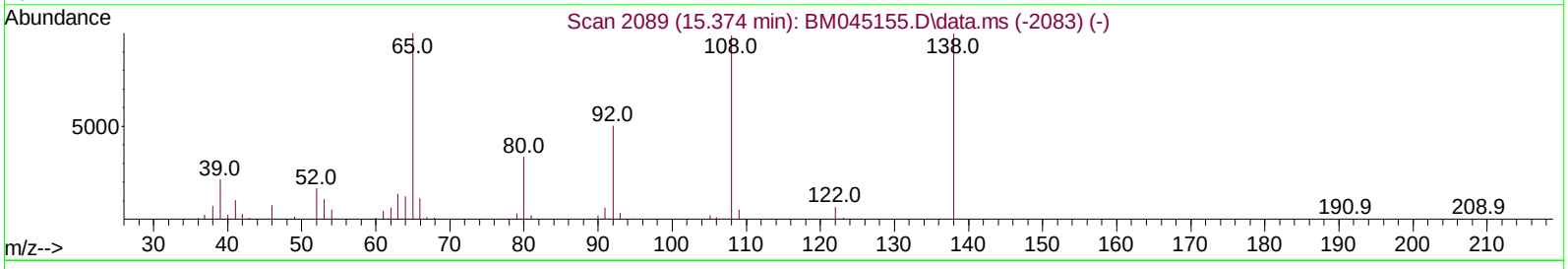

TIC: BM045169.D\data.ms

(63) 4-Nitroaniline

15.374min (+ 0.000) 16.91 ng/ul

response 43102

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	49.91
108.00	83.00	93.23
0.00	0.00	0.00

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LabSampleId :
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Manual IntegrationsAPPROVED

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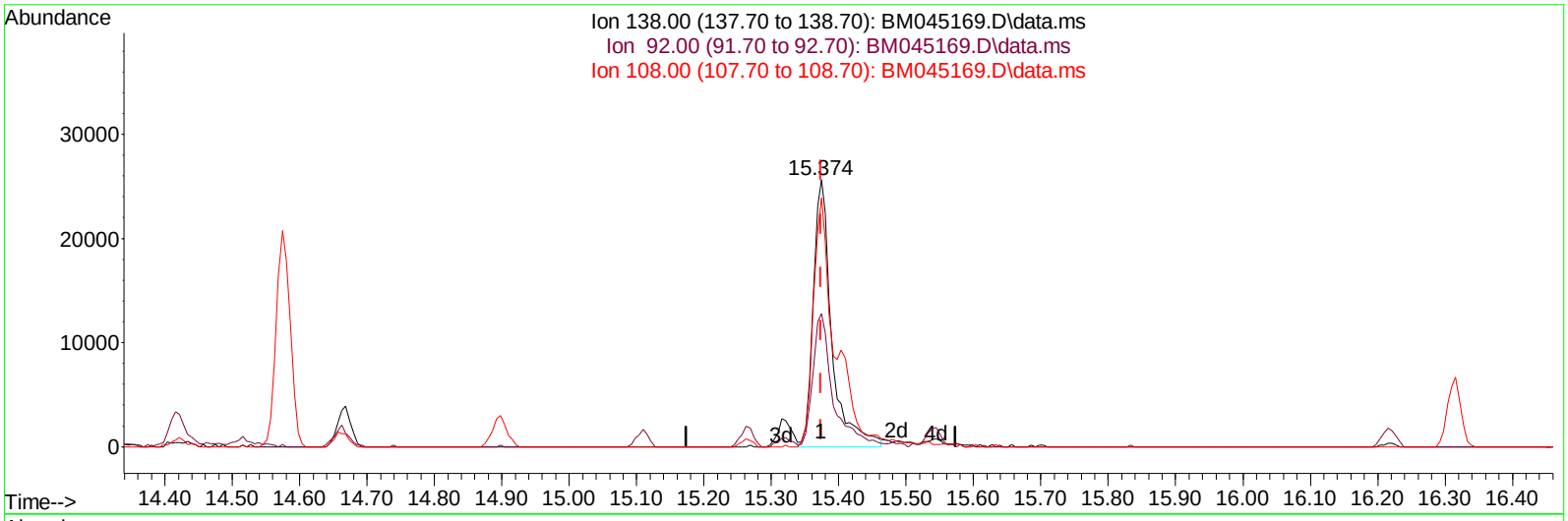

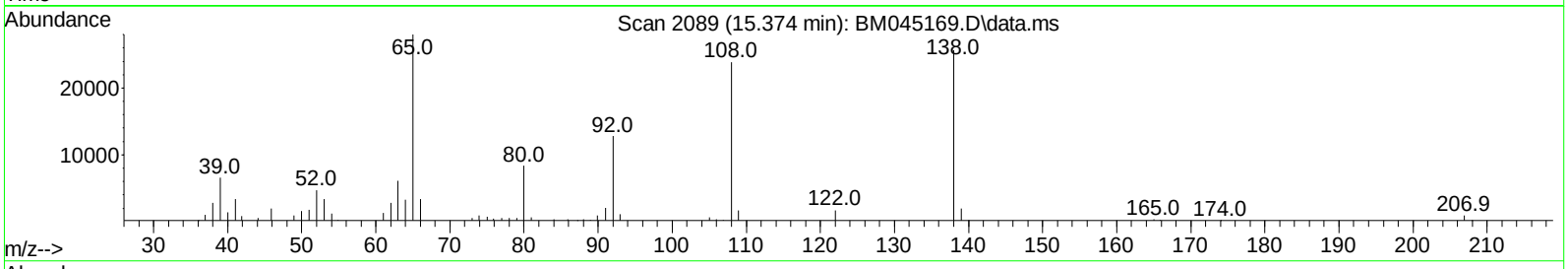

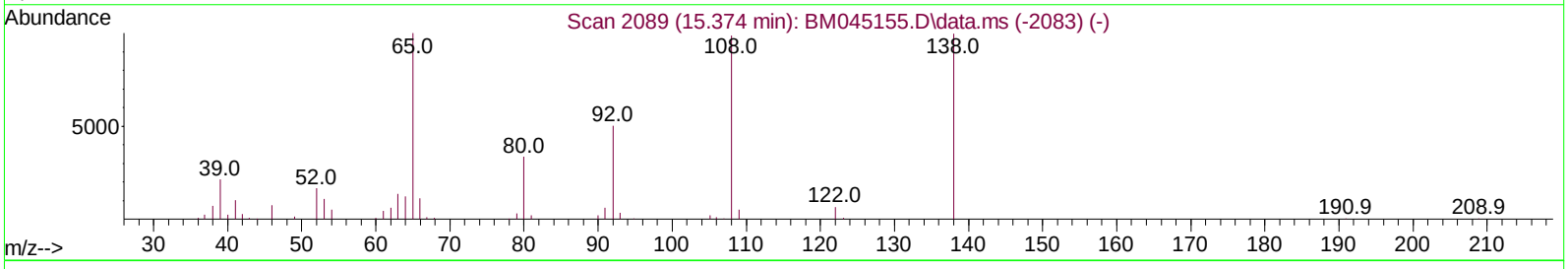

TIC: BM045169.D\data.ms

(63) 4-Nitroaniline

15.374min (+ 0.000) 19.30 ng/ul m

response 49208

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	49.91
108.00	83.00	93.23
0.00	0.00	0.00

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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	63776	20.000	ng/ul	0.00
20) Naphthalene-d8	10.386	136	280436	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	180235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	368522	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	315811	20.000	ng/ul	0.00
88) Perylene-d12	23.450	264	315292	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	11493	6.729	ng/uL	0.00
4) Pyridine-d5	3.604	84	81967	17.649	ng/ul	0.00
7) Phenol-d5	6.798	99	101631	18.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	64258	19.948	ng/ul	0.00
11) 2-Chlorophenol-d4	7.151	132	84463	19.940	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	85229	20.139	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	43713	20.293	ng/ul	0.00
24) 2-Nitrophenol-d4	9.486	143	45462	19.995	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	85145	20.425	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	125781	18.952	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	261780	20.860	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	300666	20.280	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	39973	15.263	ng/ul	0.00
60) Fluorene-d10	15.263	176	219220	19.594	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	35614	16.299	ng/ul	0.00
73) Anthracene-d10	17.121	188	334512	20.178	ng/ul	0.00
81) Pyrene-d10	19.427	212	371759	23.907	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.303	264	314717	20.462	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	11839	6.638	ng/uL#	86
5) Pyridine	3.622	79	85756	17.426	ng/ul	99
6) Benzaldehyde	6.787	77	64383	25.688	ng/ul	95
8) Phenol	6.822	94	106870	19.088	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.063	93	89286	20.434	ng/ul	95
12) 2-Chlorophenol	7.181	128	89063	20.038	ng/ul	99
13) 2-Methylphenol	8.057	108	81345	19.684	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.139	45	106395	20.415	ng/ul	97
16) Acetophenone	8.445	105	137342	19.961	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.428	70	69488	21.390	ng/ul#	89
18) 4-Methylphenol	8.386	108	88367	19.839	ng/ul	97
19) Hexachloroethane	8.663	117	38659	19.776	ng/ul	99
22) Nitrobenzene	8.822	77	104958	19.860	ng/ul	99
23) Isophorone	9.339	82	204542	21.065	ng/ul	99
25) 2-Nitrophenol	9.516	139	52191	20.682	ng/ul	96
26) 2,4-Dimethylphenol	9.581	107	99797	20.512	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.822	93	121059	21.030	ng/ul	96
29) 2,4-Dichlorophenol	10.045	162	86536	20.547	ng/ul	97
30) Naphthalene	10.439	128	295677	19.917	ng/ul	100
32) 4-Chloroaniline	10.569	127	121460	18.808	ng/ul	99
33) Hexachlorobutadiene	10.698	225	51430	19.640	ng/ul	94
34) Caprolactam	11.375	113	27276m	19.183	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	88350	21.102	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	199286	20.560	ng/ul	95
37) 1-Methylnaphthalene	12.280	142	202334	20.627	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.427	216	99823	20.252	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	52058	17.447	ng/ul	97
41) 2,4,6-Trichlorophenol	12.686	196	67268	20.921	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	69882	19.725	ng/ul	98
43) 1,1'-Biphenyl	13.086	154	262114	20.595	ng/ul	98
44) 2-Chloronaphthalene	13.127	162	207899	20.106	ng/ul	98
45) 2-Nitroaniline	13.363	65	58749	20.583	ng/ul	98
47) Dimethylphthalate	13.739	163	268423	20.464	ng/ul	100
48) 2,6-Dinitrotoluene	13.868	165	54090	21.039	ng/ul	95
50) Acenaphthylene	13.980	152	354459	20.471	ng/ul	99
51) 3-Nitroaniline	14.198	138	52373	18.675	ng/ul	89
52) Acenaphthene	14.327	153	236380	20.459	ng/ul	98
53) 2,4-Dinitrophenol	14.421	184	20617	13.488	ng/ul	96
55) 4-Nitrophenol	14.516	109	35030	15.208	ng/ul	91
56) Dibenzofuran	14.668	168	313102	19.803	ng/ul	100
57) 2,4-Dinitrotoluene	14.663	165	76032	19.757	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	14.898	232	60661	20.006	ng/ul	98
59) Diethylphthalate	15.110	149	274382	20.504	ng/ul	98
61) Fluorene	15.321	166	258616	19.407	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.321	204	119556	19.141	ng/ul	96
63) 4-Nitroaniline	15.374	138	49208m	19.300	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	38853	16.604	ng/ul	94
67) N-Nitrosodiphenylamine	15.539	169	209737	21.097	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	75026	20.904	ng/ul	94
69) Hexachlorobenzene	16.315	284	94174	20.171	ng/ul	97
70) Atrazine	16.509	200	70768	19.352	ng/ul	99
71) Pentachlorophenol	16.674	266	51045	17.999	ng/ul	99
72) Phenanthrene	17.062	178	399476	20.143	ng/ul	99
74) Anthracene	17.157	178	406739	20.050	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.045	216	100117	21.555	ng/uL	97
76) Pentachlorobenzene	14.580	250	106984	21.648	ng/uL	99
77) Carbazole	17.439	167	361760	18.494	ng/ul	100
78) Di-n-butylphthalate	18.009	149	457955	20.760	ng/ul	100
80) Fluoranthene	19.092	202	444737	24.248	ng/ul	98
82) Pyrene	19.456	202	468452	23.668	ng/ul	99
83) Butylbenzylphthalate	20.380	149	190034	22.917	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.162	252	121900	17.360	ng/ul	92
85) Benzo(a)anthracene	21.215	228	432224	20.171	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	264119	20.376	ng/ul	98
87) Chrysene	21.268	228	396070	19.827	ng/ul	99
89) Di-n-octyl phthalate	22.044	149	417656	21.054	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	401723	21.861	ng/ul	99
91) Benzo(k)fluoranthene	22.827	252	377487	20.409	ng/ul	99
93) Benzo(a)pyrene	23.350	252	361797	20.229	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.674	276	421645	18.200	ng/ul	100
95) Dibenzo(a,h)anthracene	25.685	278	347804	17.957	ng/ul	97
96) Benzo(g,h,i)perylene	26.350	276	340541	18.633	ng/ul	99

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

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04/16/2024

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