Quantitation Report (Qedit)

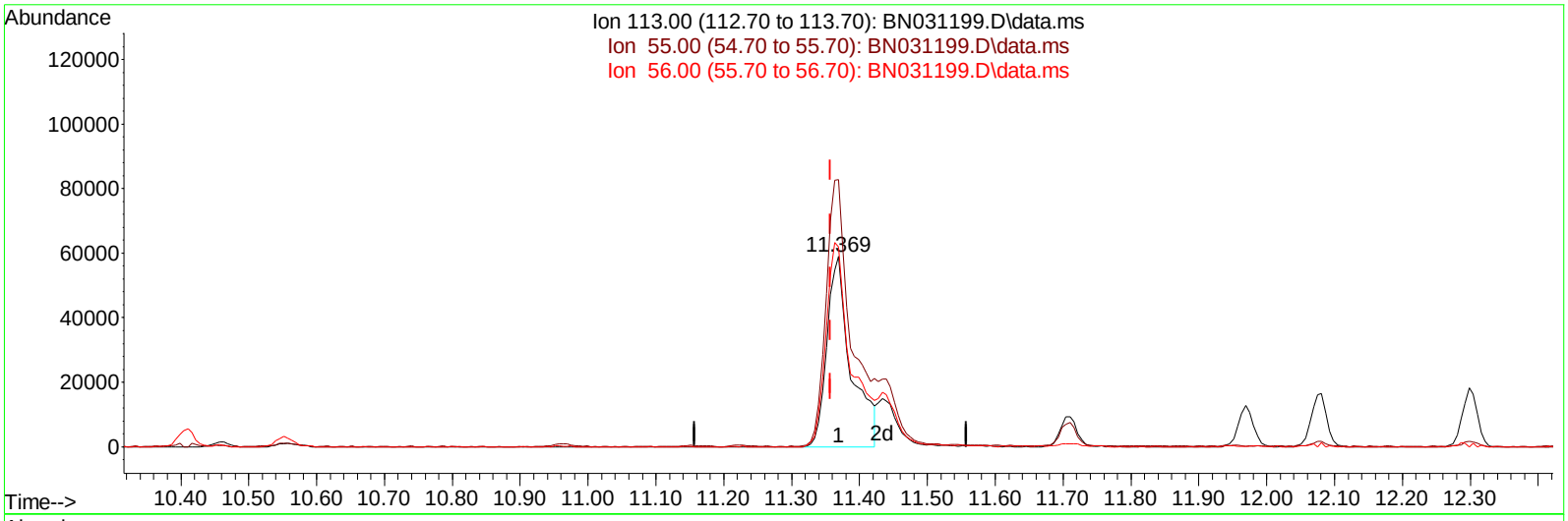
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031199.D
Acq On : 24 Apr 2024 22:10
Operator : MA/JU
Sample : P2221-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

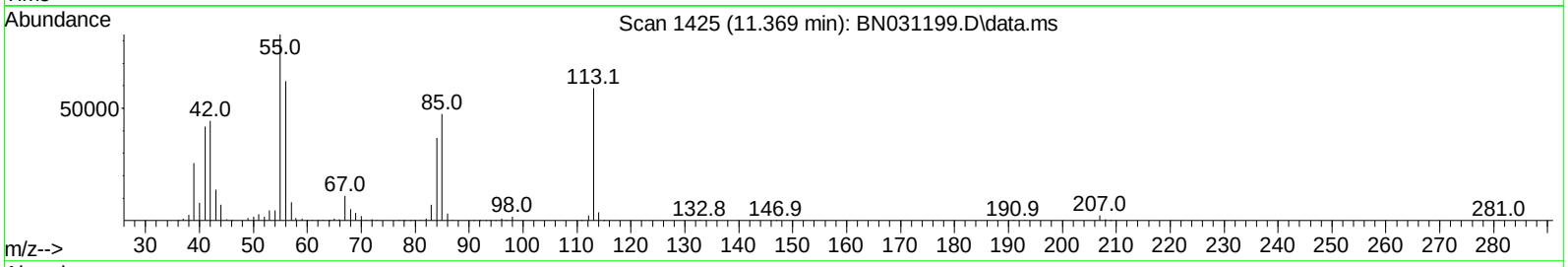
Quant Time: Apr 24 23:14:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

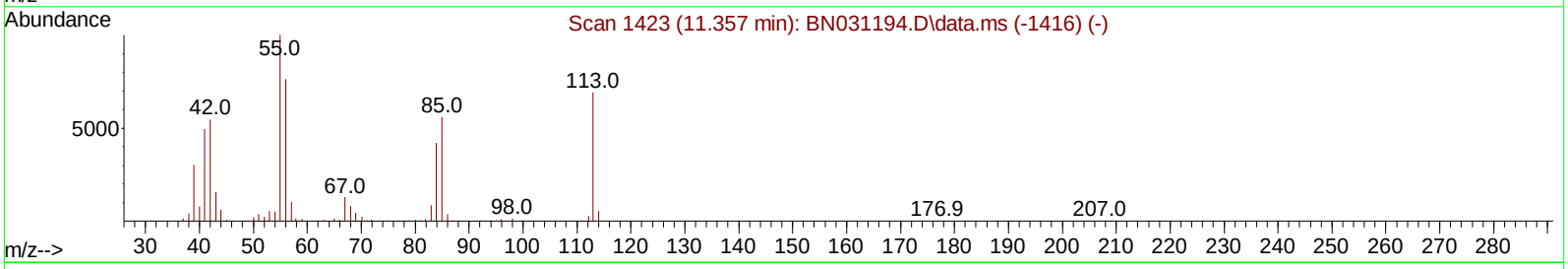
Instrument :
BNA_N
ClientSampleId :
E0809MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: BN031199.D\data.ms

(34) Caprolactam

11.369min (+ 0.012) 30.67 ng/ul

response 145701

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	140.39
56.00	110.00	105.20
0.00	0.00	0.00

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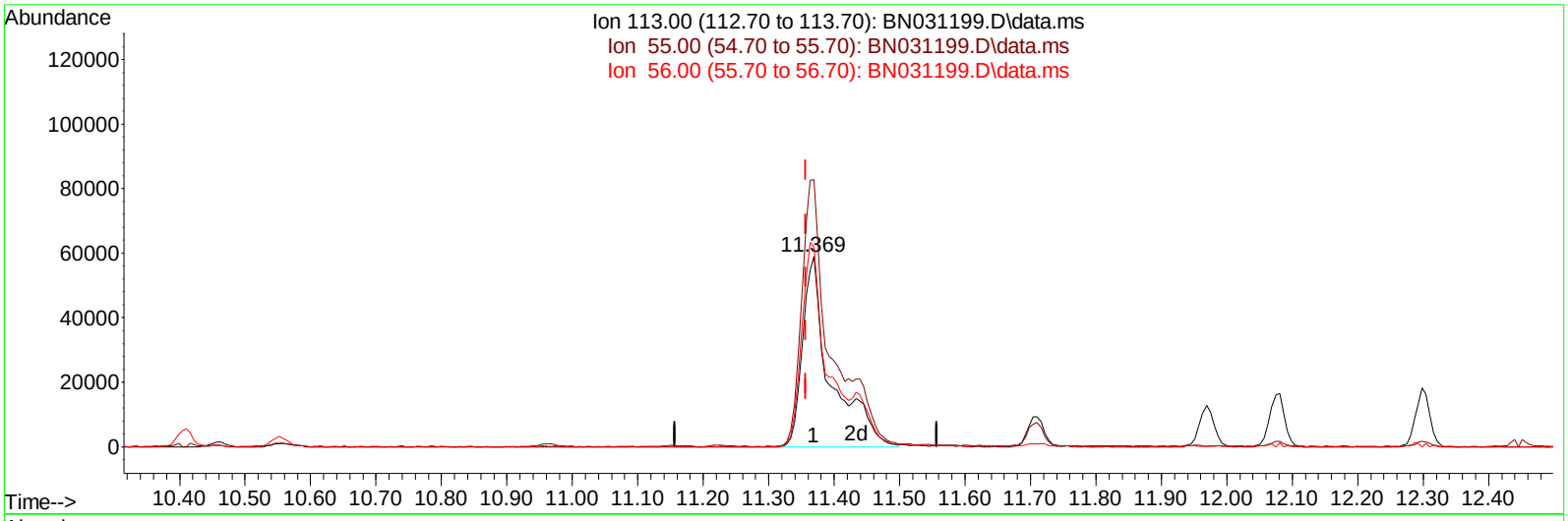

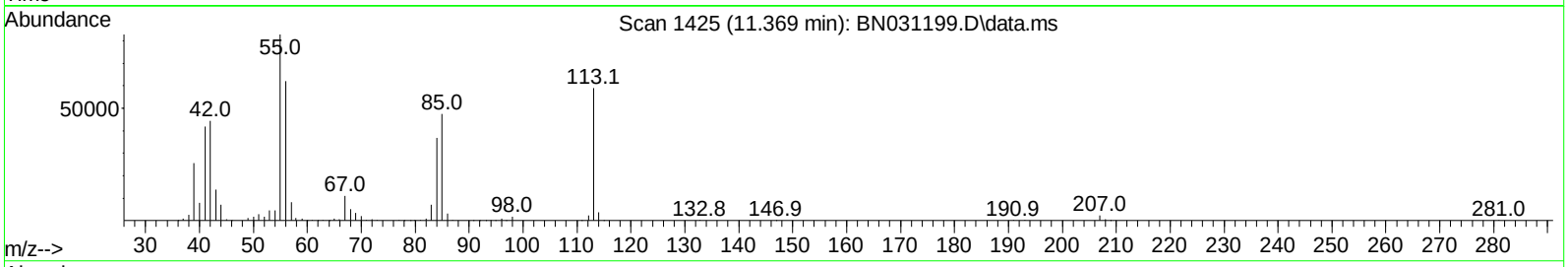

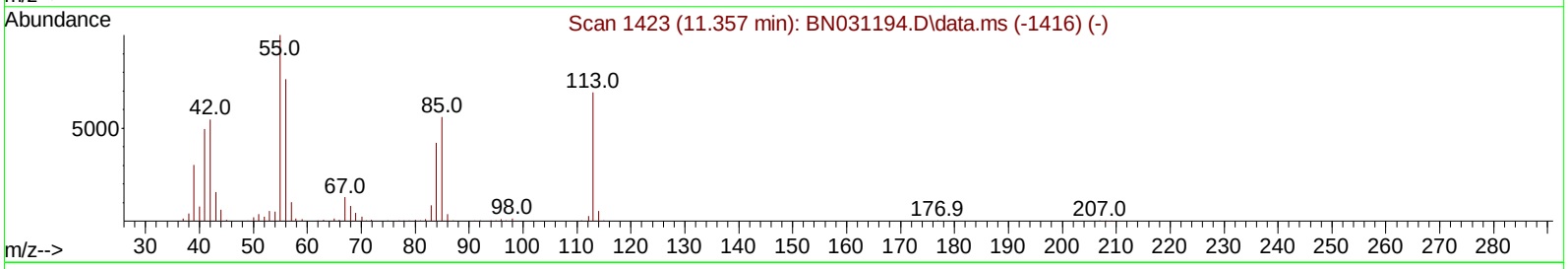

TIC: BN031199.D\data.ms

(34) Caprolactam

11.369min (+ 0.012) 36.93 ng/ul m

response 175441

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	140.39
56.00	110.00	105.20
0.00	0.00	0.00

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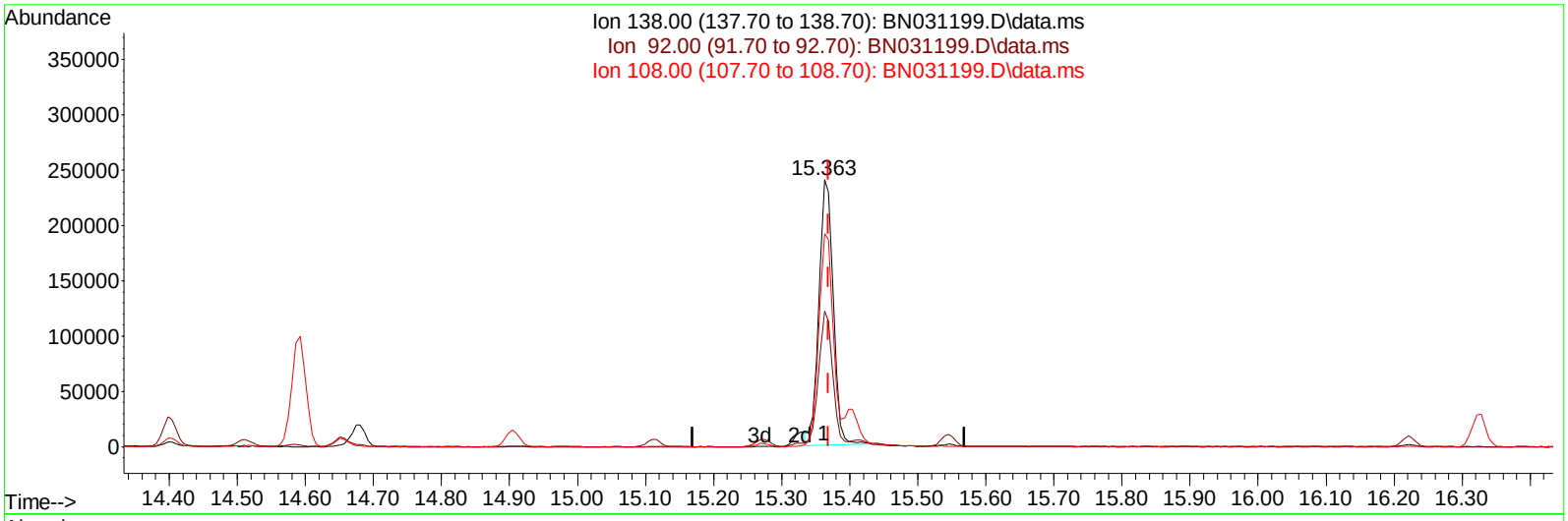

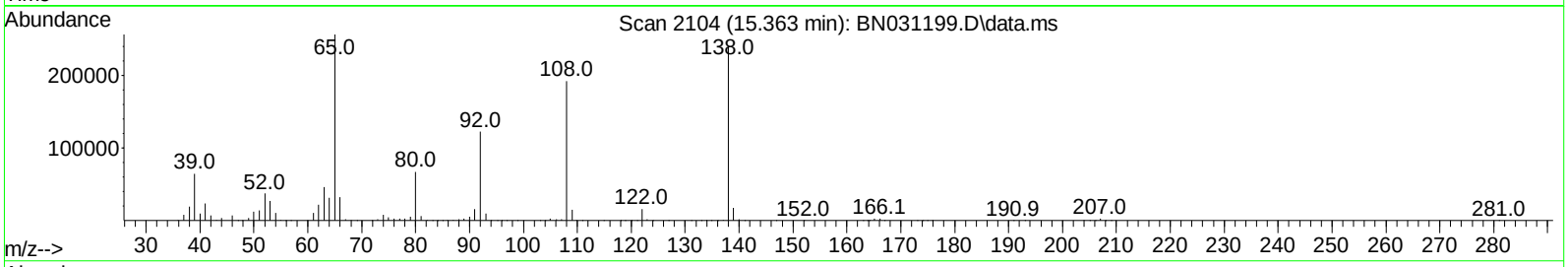

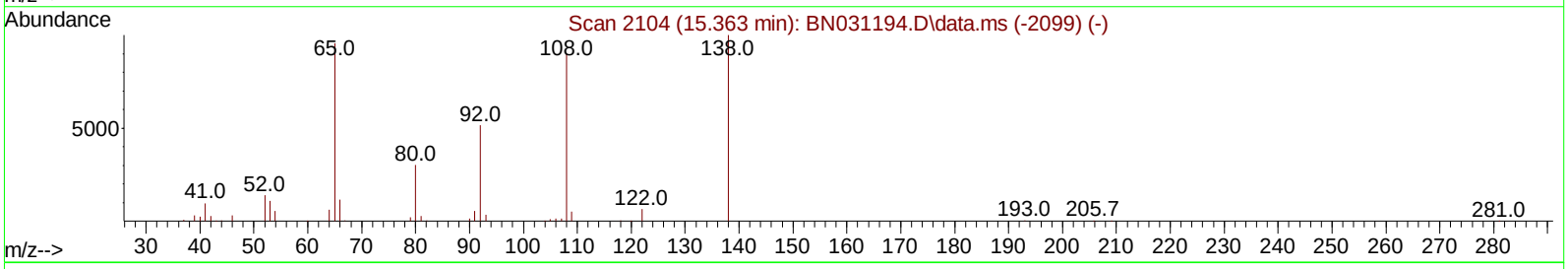

TIC: BN031199.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 37.60 ng/ul

response 352641

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.80
108.00	79.80	79.87
0.00	0.00	0.00

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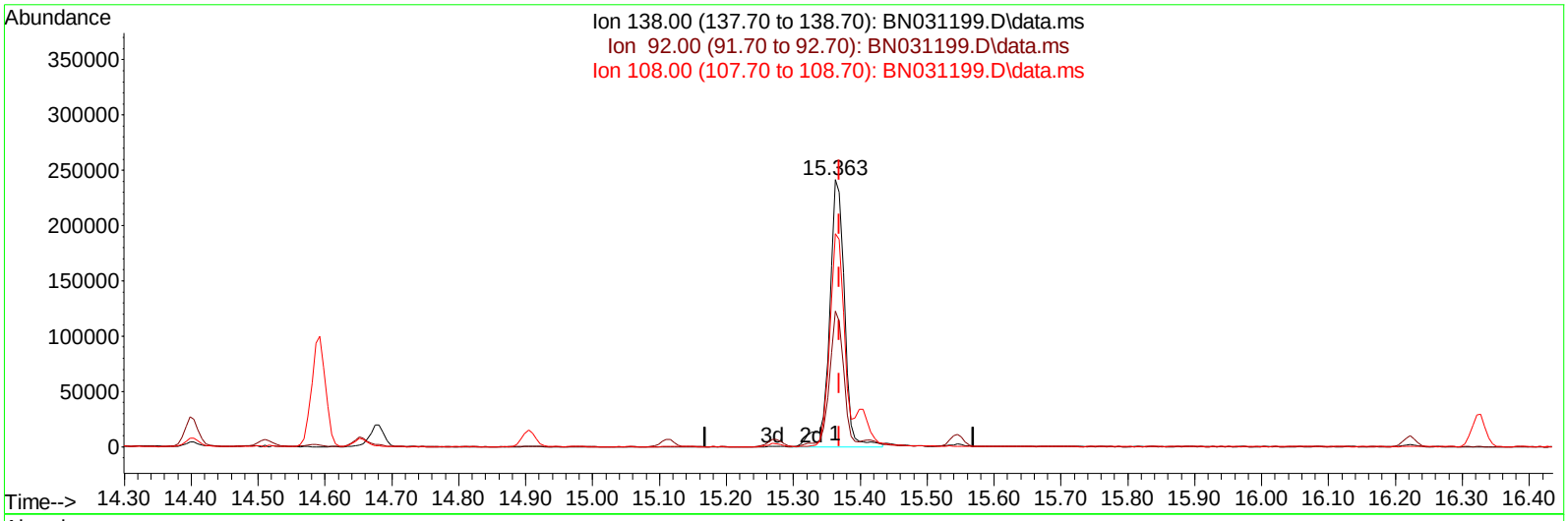

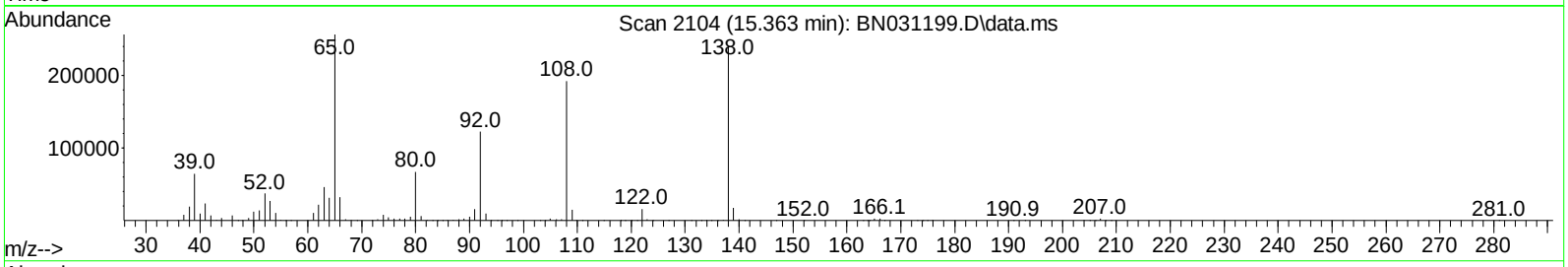

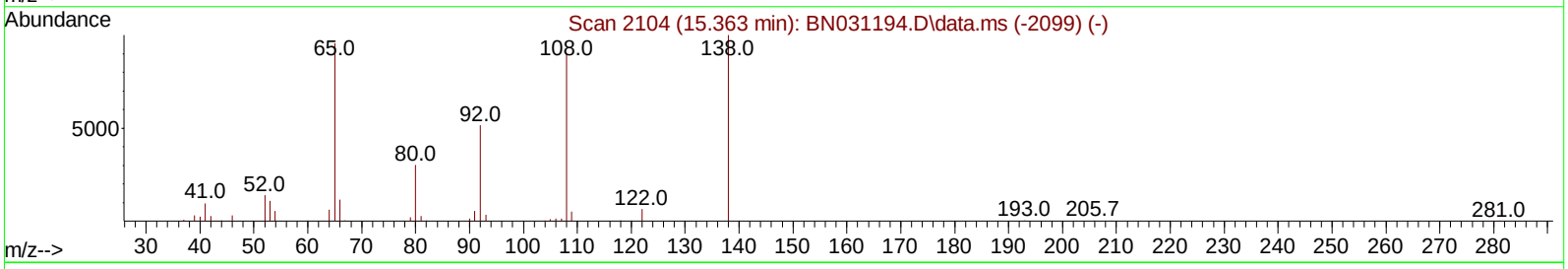

TIC: BN031199.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 40.50 ng/ul m

response 379841

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.80
108.00	79.80	79.87
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	177435	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	819601	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	562276	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	1259431	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1316132	20.000	ng/ul	0.00
88) Perylene-d12	24.162	264	1491482	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	21106	5.557	ng/uL	0.00
4) Pyridine-d5	3.552	84	251459	22.991	ng/ul	0.00
7) Phenol-d5	6.805	99	455855	30.456	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	256187	29.418	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.163	132	362637	31.116	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	389081	30.910	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	187298	31.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	199454	32.584	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	394920	32.716	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	519052	27.516	ng/ul	-0.01
46) Dimethylphthalate-d6	13.692	166	1207779	30.868	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1446788	32.630	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	260110	31.850	ng/ul	0.00
60) Fluorene-d10	15.275	176	1076779	31.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	186462	29.345	ng/ul	0.00
73) Anthracene-d10	17.127	188	1749014	32.040	ng/ul	0.00
81) Pyrene-d10	19.427	212	2230550	34.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2439825	34.496	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	39652	9.852	ng/uL	92
5) Pyridine	3.569	79	364995	33.070	ng/ul	95
6) Benzaldehyde	6.781	77	273110	37.161	ng/ul	99
8) Phenol	6.834	94	580843	37.640	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.063	93	421802	34.642	ng/ul	98
12) 2-Chlorophenol	7.193	128	456429	37.678	ng/ul	98
13) 2-Methylphenol	8.075	108	439858	36.781	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.151	45	564406	35.554	ng/ul	99
16) Acetophenone	8.451	105	695909	35.682	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	342146	35.196	ng/ul	99
18) 4-Methylphenol	8.404	108	499043	37.255	ng/ul	96
19) Hexachloroethane	8.693	117	169366	33.693	ng/ul	97
22) Nitrobenzene	8.828	77	516370	37.153	ng/ul	99
23) Isophorone	9.351	82	1001023	35.293	ng/ul	99
25) 2-Nitrophenol	9.534	139	265072	39.140	ng/ul	98
26) 2,4-Dimethylphenol	9.593	107	506556	36.676	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.834	93	620455	36.014	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	467108	38.742	ng/ul	99
30) Naphthalene	10.457	128	1515553	35.680	ng/ul	100
32) 4-Chloroaniline	10.575	127	565724	30.865	ng/ul	99
33) Hexachlorobutadiene	10.734	225	251861	34.266	ng/ul	98
34) Caprolactam	11.369	113	175441m	36.932	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	531842	38.045	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	1083315	36.166	ng/ul	98
37) 1-Methylnaphthalene	12.298	142	1109352	36.601	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.445	216	561021	38.131	ng/ul	99
40) Hexachlorocyclopentadiene	12.422	237	204376	25.287	ng/ul	95
41) 2,4,6-Trichlorophenol	12.698	196	385168	39.330	ng/ul	94
42) 2,4,5-Trichlorophenol	12.769	196	427622	39.383	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	1415063	36.593	ng/ul	98
44) 2-Chloronaphthalene	13.145	162	1122033	36.310	ng/ul	99
45) 2-Nitroaniline	13.363	65	343780	40.299	ng/ul	98
47) Dimethylphthalate	13.739	163	1428854	35.398	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	301133	39.742	ng/ul	96
50) Acenaphthylene	13.998	152	1831883	35.369	ng/ul	100
51) 3-Nitroaniline	14.198	138	336020	38.628	ng/ul	95
52) Acenaphthene	14.339	153	1215163	35.392	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	144004	33.606	ng/ul	99
55) 4-Nitrophenol	14.510	109	249995	37.720	ng/ul	99
56) Dibenzofuran	14.681	168	1711889	36.062	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	448481	38.954	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.904	232	369218	39.346	ng/ul	98
59) Diethylphthalate	15.116	149	1487221	35.826	ng/ul	99
61) Fluorene	15.328	166	1366404	34.977	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	656027	35.256	ng/ul	99
63) 4-Nitroaniline	15.363	138	379841m	40.500	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	245180	35.935	ng/ul#	96
67) N-Nitrosodiphenylamine	15.545	169	1240643	36.752	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	436623	36.658	ng/ul	93
69) Hexachlorobenzene	16.328	284	514471	37.468	ng/ul	100
70) Atrazine	16.504	200	423453	35.730	ng/ul	93
71) Pentachlorophenol	16.675	266	344268	38.590	ng/ul	97
72) Phenanthrene	17.069	178	2400488	36.036	ng/ul	100
74) Anthracene	17.163	178	2379338	35.295	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	560388	37.934	ng/uL	98
76) Pentachlorobenzene	14.592	250	555671	36.426	ng/uL	99
77) Carbazole	17.439	167	2321805	37.705	ng/ul	98
78) Di-n-butylphthalate	18.004	149	2895370	38.575	ng/ul	99
80) Fluoranthene	19.092	202	2986248	39.014	ng/ul	99
82) Pyrene	19.457	202	3217926	40.012	ng/ul	99
83) Butylbenzylphthalate	20.368	149	1472141	41.484	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.180	252	899008	32.782	ng/ul	100
85) Benzo(a)anthracene	21.245	228	3293066	36.846	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	2098373	39.382	ng/ul	100
87) Chrysene	21.304	228	3161814	37.270	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	4022904	46.794	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	3466305	41.305	ng/ul	100
91) Benzo(k)fluoranthene	23.304	252	3388176	40.142	ng/ul	95
93) Benzo(a)pyrene	24.027	252	2827414	33.773	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.409	276	3628337	34.926	ng/ul	99
95) Dibenzo(a,h)anthracene	27.468	278	2914964	34.186	ng/ul	96
96) Benzo(g,h,i)perylene	28.433	276	2758751	32.976	ng/ul	99

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

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