Quantitation Report (Qedit)

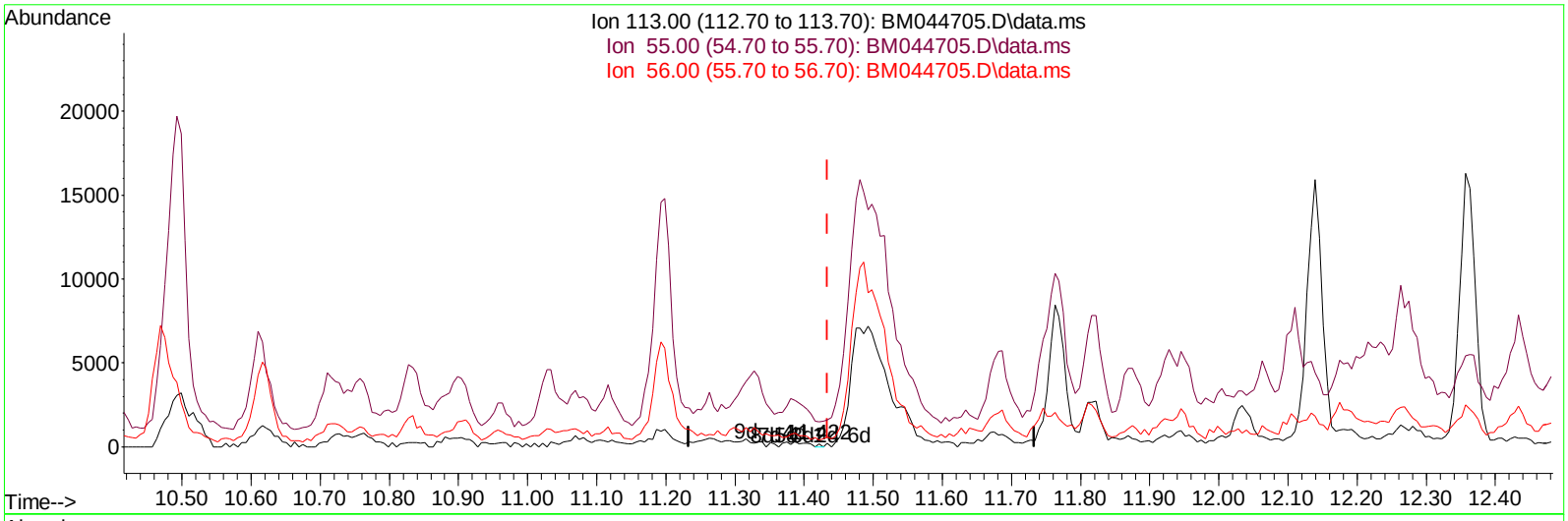
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
Data File : BM044705.D
Acq On : 21 Mar 2024 18:05
Operator : MA/JU
Sample : P1813-09MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

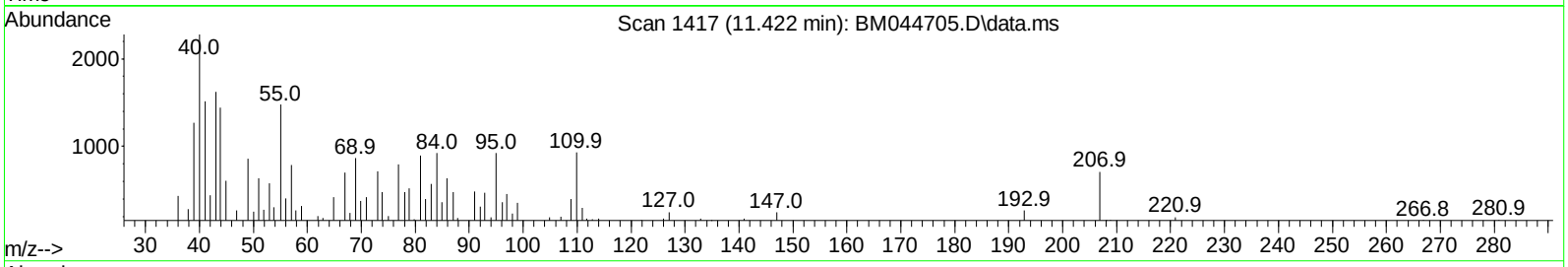
Quant Time: Mar 21 19:12:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

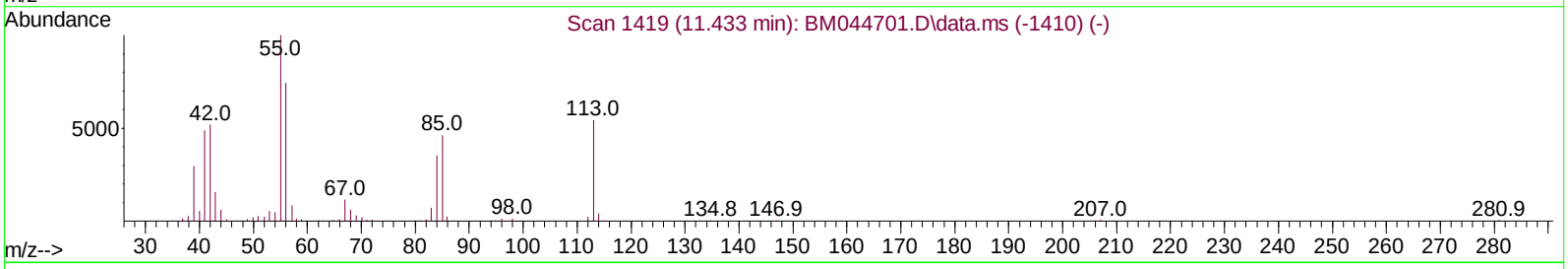
Instrument :
BNA_M
ClientSampleId :
E0LX7MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024







TIC: BM044705.D\data.ms

(34) Caprolactam

11.422min (-0.012) 0.01 ng/ul

response 60

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	873.96#
56.00	127.70	241.42#
0.00	0.00	0.00

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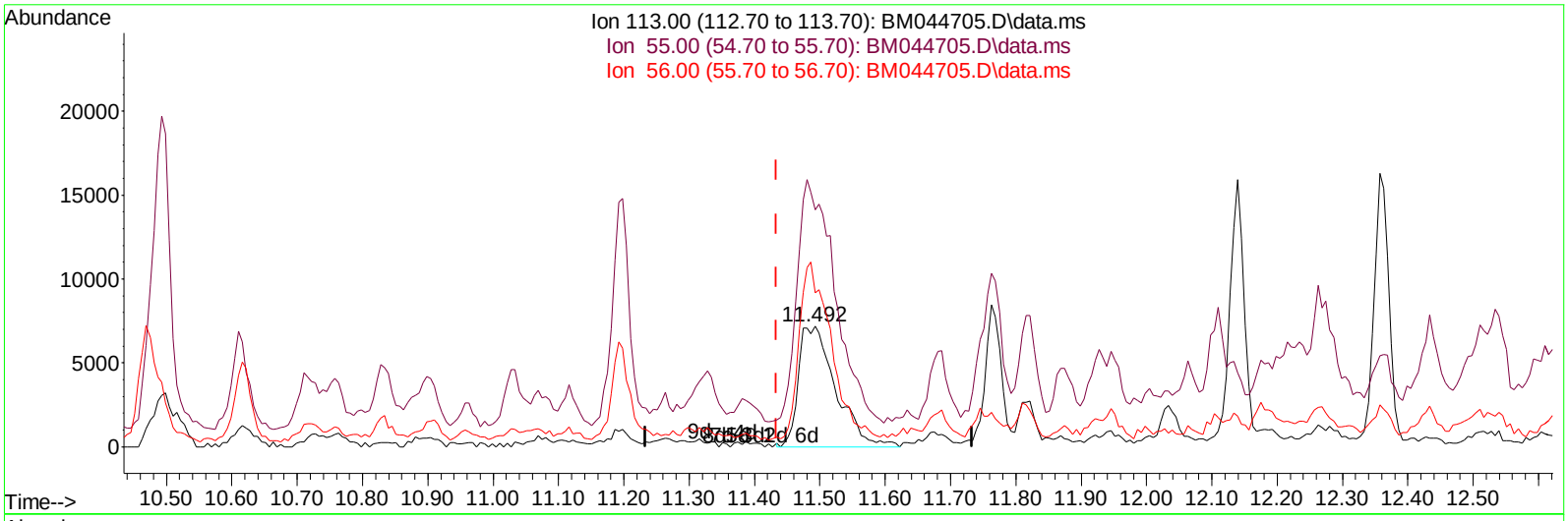

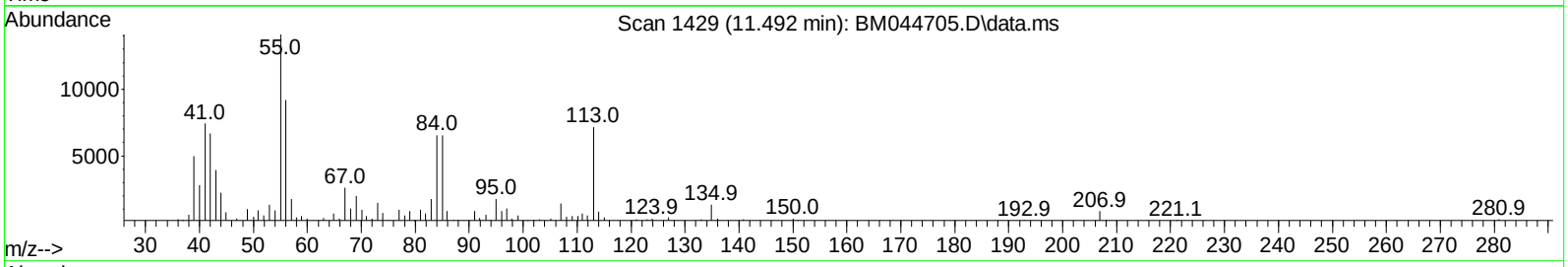

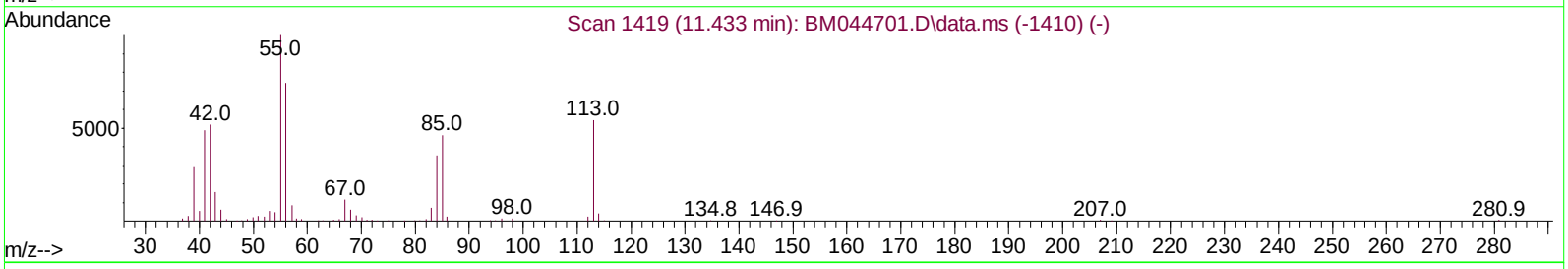

TIC: BM044705.D\data.ms

(34) Caprolactam

11.492min (+ 0.059) 6.54 ng/ul m

response 28307

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	196.52
56.00	127.70	127.70
0.00	0.00	0.00

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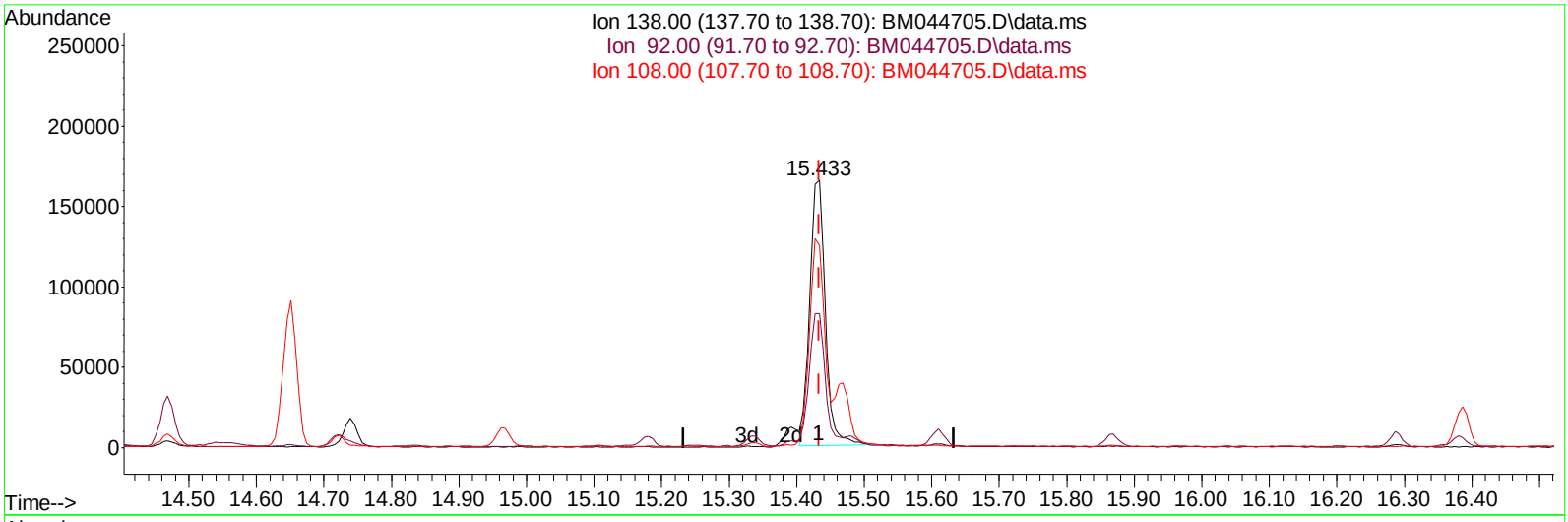

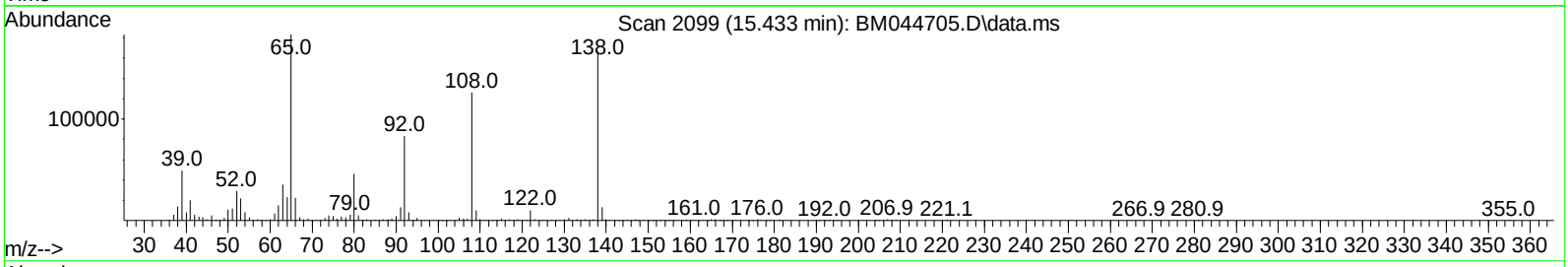

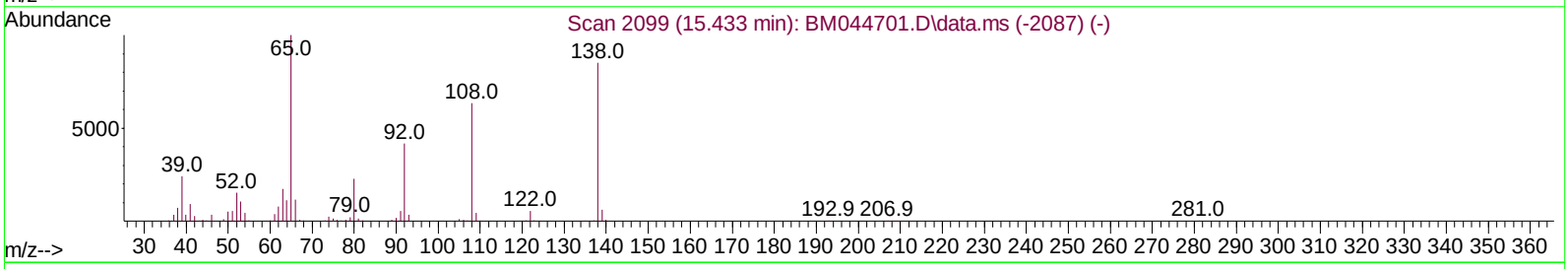

TIC: BM044705.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 40.46 ng/ul

response 266841

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.12
108.00	68.30	75.56
0.00	0.00	0.00

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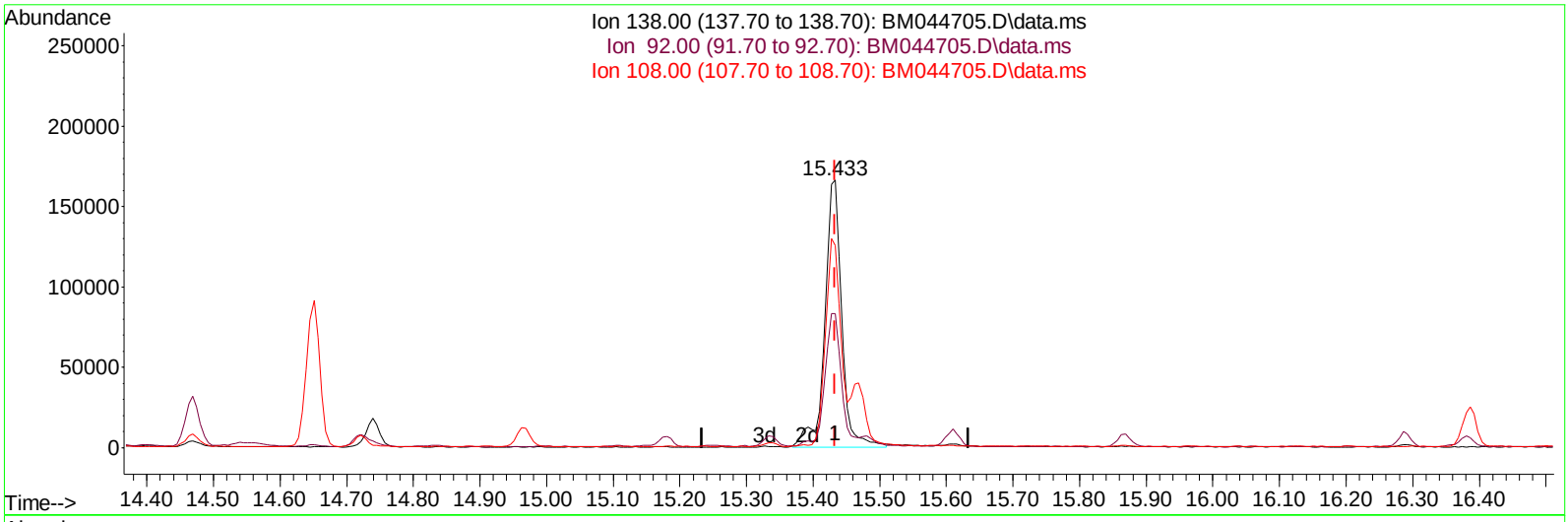

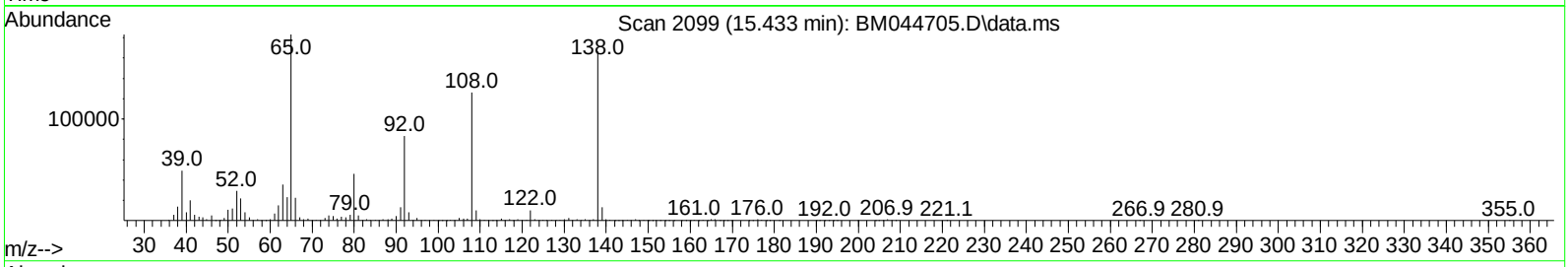

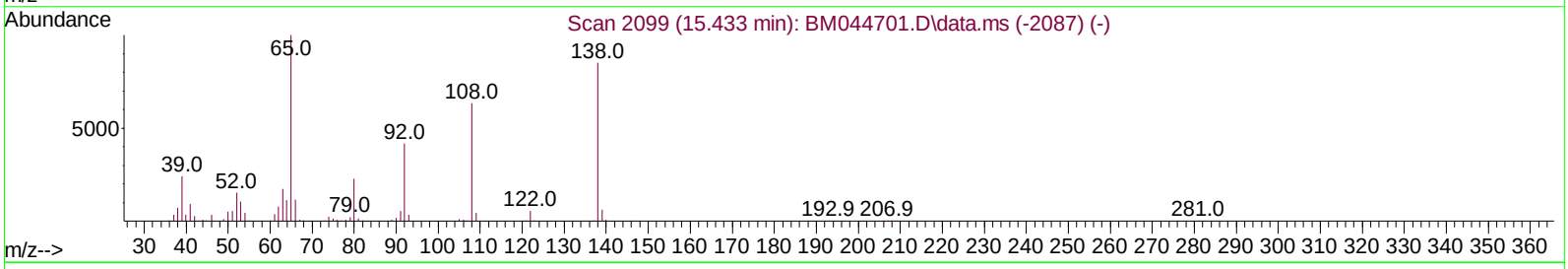

TIC: BM044705.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 44.43 ng/ul m

response 292978

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.12
108.00	68.30	75.56
0.00	0.00	0.00

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ClientSampleId :
E0LX7MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	176388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	721002	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.339	164	400652	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	763905	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	634643	20.000	ng/ul	0.00
88) Perylene-d12	23.539	264	737979	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22888	4.401	ng/uL	0.00
4) Pyridine-d5	3.652	84	180879	11.817	ng/ul	0.00
7) Phenol-d5	6.863	99	162977	8.987	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	371270	33.145	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	361377	27.117	ng/ul	-0.01
15) 4-Methylphenol-d8	8.399	113	280682	19.708	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	228951	37.710	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	237889	36.347	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.098	165	398738	35.796	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	470381	25.426	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1252050	39.838	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1390439	38.684	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	62887	9.649	ng/ul	0.00
60) Fluorene-d10	15.339	176	1027304	38.897	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	210081	42.366	ng/ul	0.00
73) Anthracene-d10	17.192	188	1555952	42.612	ng/ul	0.00
81) Pyrene-d10	19.492	212	1742366	44.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	1688906	43.541	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	31256	5.805	ng/uL#	94
5) Pyridine	3.669	79	235017	14.803	ng/ul	92
6) Benzaldehyde	6.852	77	275027	34.819	ng/ul	94
8) Phenol	6.893	94	186421	10.072	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.134	93	510963	33.622	ng/ul	96
12) 2-Chlorophenol	7.257	128	398531	28.993	ng/ul	98
13) 2-Methylphenol	8.134	108	344083	24.499	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	753885	37.563	ng/ul	96
16) Acetophenone	8.516	105	747467	33.840	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.504	70	387109	33.921	ng/ul	93
18) 4-Methylphenol	8.463	108	324124	21.200	ng/ul	94
19) Hexachloroethane	8.751	117	205443	36.487	ng/ul	96
22) Nitrobenzene	8.893	77	576466	40.038	ng/ul	96
23) Isophorone	9.416	82	1108183	37.725	ng/ul	98
25) 2-Nitrophenol	9.598	139	260270	36.476	ng/ul	96
26) 2,4-Dimethylphenol	9.657	107	465066	35.820	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	680655	36.844	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	410179	36.884	ng/ul	98
30) Naphthalene	10.522	128	1564352	38.308	ng/ul	100
32) 4-Chloroaniline	10.645	127	421874	23.654	ng/ul	100
33) Hexachlorobutadiene	10.787	225	258518	41.475	ng/ul	99
34) Caprolactam	11.492	113	28307m	6.536	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	446604	34.630	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.139	142	1013137	37.309	ng/ul	99
37) 1-Methylnaphthalene	12.363	142	1008023	37.629	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	480783	42.180	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	270399	35.737	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	322492	40.359	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	351420	41.037	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	1301446	40.907	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	1014365	40.629	ng/ul	98
45) 2-Nitroaniline	13.428	65	361712	46.149	ng/ul	98
47) Dimethylphthalate	13.810	163	1321729	41.329	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	282348	44.200	ng/ul	97
50) Acenaphthylene	14.057	152	1685967	40.245	ng/ul	99
51) 3-Nitroaniline	14.263	138	265885	38.535	ng/ul	98
52) Acenaphthene	14.404	153	1113689	40.439	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	158449	38.777	ng/ul	92
55) 4-Nitrophenol	14.575	109	50977	11.163	ng/ul	87
56) Dibenzofuran	14.739	168	1489826	40.668	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	388934	42.179	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.969	232	281984	39.791	ng/ul	99
59) Diethylphthalate	15.180	149	1400195	42.187	ng/ul	99
61) Fluorene	15.392	166	1214310	40.529	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.392	204	585346	42.094	ng/ul	99
63) 4-Nitroaniline	15.433	138	292978m	44.426	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	228677	43.156	ng/ul	92
67) N-Nitrosodiphenylamine	15.610	169	1036166	45.036	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	364904	47.758	ng/ul	97
69) Hexachlorobenzene	16.386	284	413927	47.562	ng/ul	99
70) Atrazine	16.580	200	144891	19.271	ng/ul	96
71) Pentachlorophenol	16.739	266	255825	44.517	ng/ul	97
72) Phenanthrene	17.133	178	1938295	44.729	ng/ul	99
74) Anthracene	17.227	178	1934498	44.141	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	483953	47.431	ng/uL	99
76) Pentachlorobenzene	14.651	250	471492	47.797	ng/uL	99
77) Carbazole	17.504	167	1849335	44.906	ng/ul	100
78) Di-n-butylphthalate	18.074	149	2528696	45.649	ng/ul	99
80) Fluoranthene	19.157	202	2184490	47.125	ng/ul	98
82) Pyrene	19.521	202	2236711	46.346	ng/ul	98
83) Butylbenzylphthalate	20.445	149	1137031	47.915	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	52964	3.858	ng/ul	98
85) Benzo(a)anthracene	21.274	228	2173320	45.602	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1680326	48.565	ng/ul	98
87) Chrysene	21.327	228	2004376	45.426	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	2894277	43.823	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	2161745	43.777	ng/ul	100
91) Benzo(k)fluoranthene	22.909	252	2168870	44.845	ng/ul	98
93) Benzo(a)pyrene	23.445	252	2039881	44.160	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.803	276	2564081	49.489	ng/ul	96
95) Dibenzo(a,h)anthracene	25.827	278	2165423	50.125	ng/ul	97
96) Benzo(g,h,i)perylene	26.497	276	2091726	50.592	ng/ul	98

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

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