Quantitation Report (Qedit)

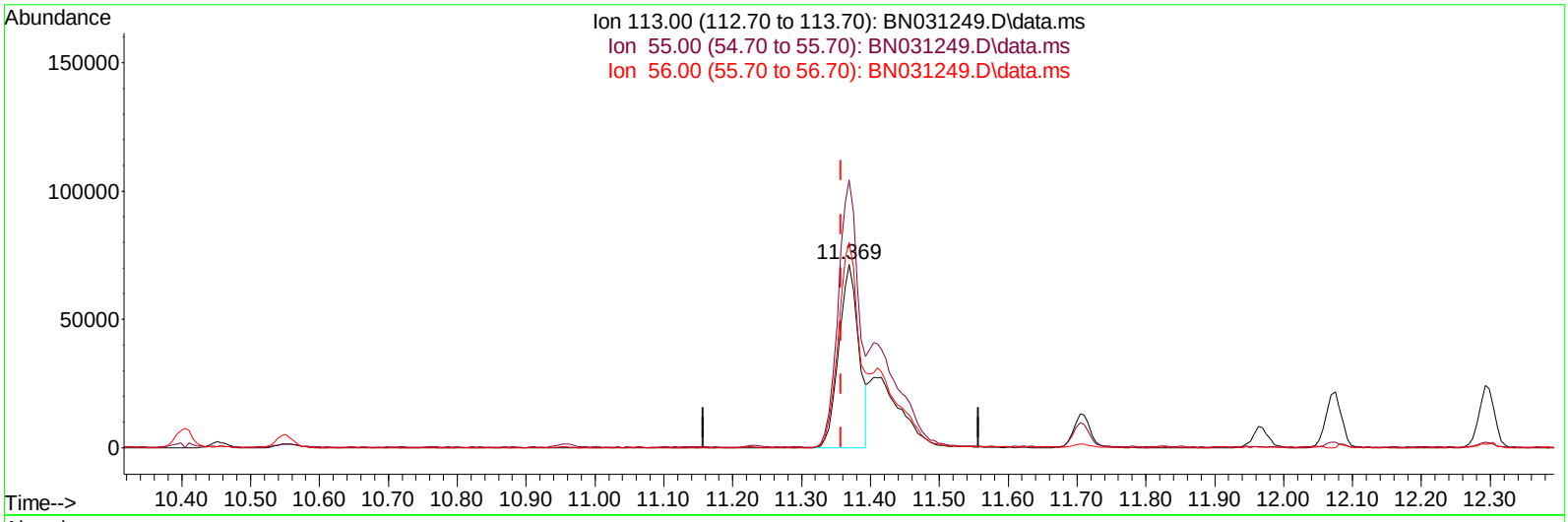
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031249.D
Acq On : 26 Apr 2024 17:06
Operator : MA/JU
Sample : P2249-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

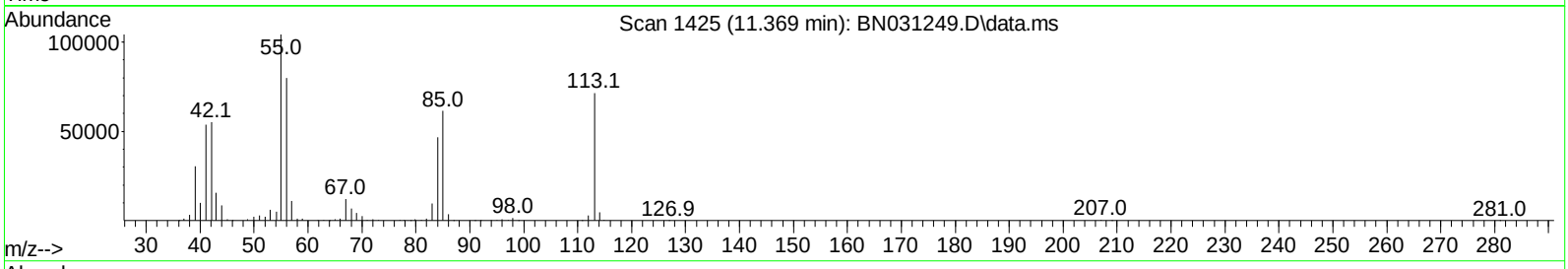
Quant Time: Apr 26 18:15:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

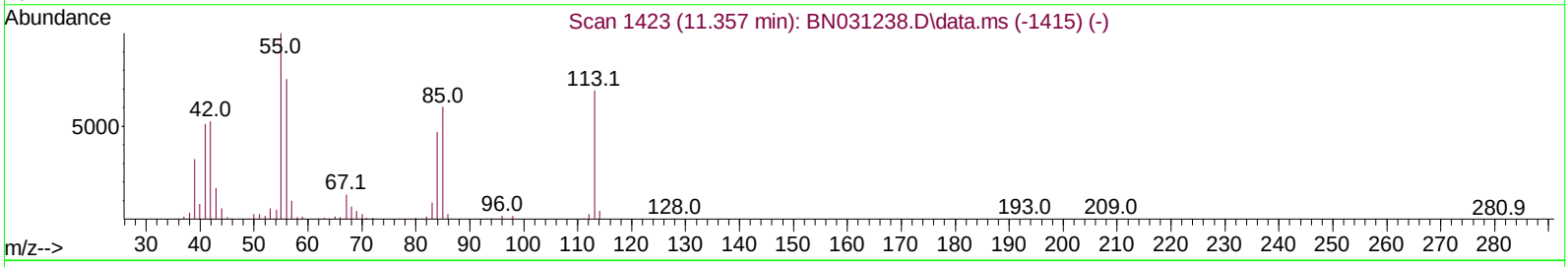
Instrument :
BNA_N
ClientSampleId :
E08N2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024







TIC: BN031249.D\data.ms

(34) Caprolactam

11.369min (+ 0.012) 20.67 ng/ul

response 143075

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	145.92
56.00	110.00	111.88
0.00	0.00	0.00

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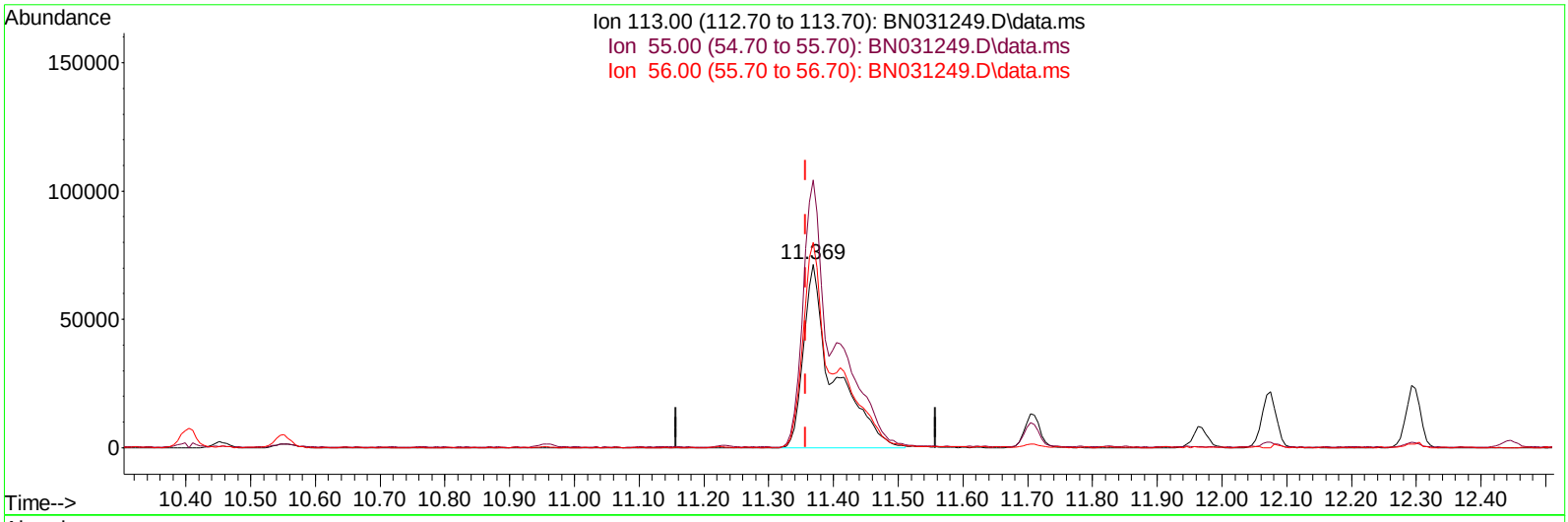

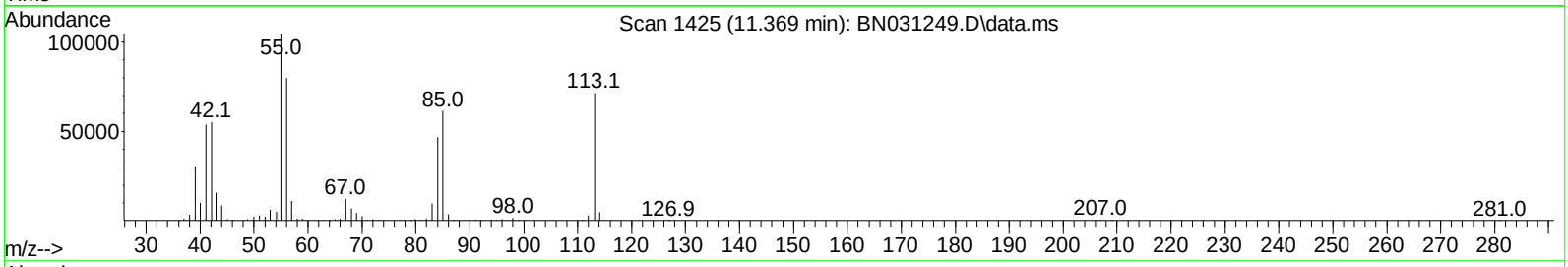

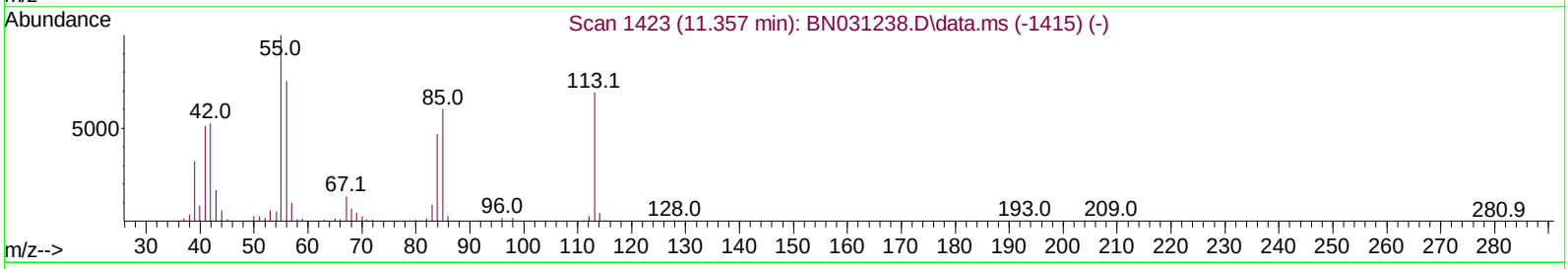

TIC: BN031249.D\data.ms

(34) Caprolactam

11.369min (+ 0.012) 33.42 ng/ul m

response 231329

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	145.92
56.00	110.00	111.88
0.00	0.00	0.00

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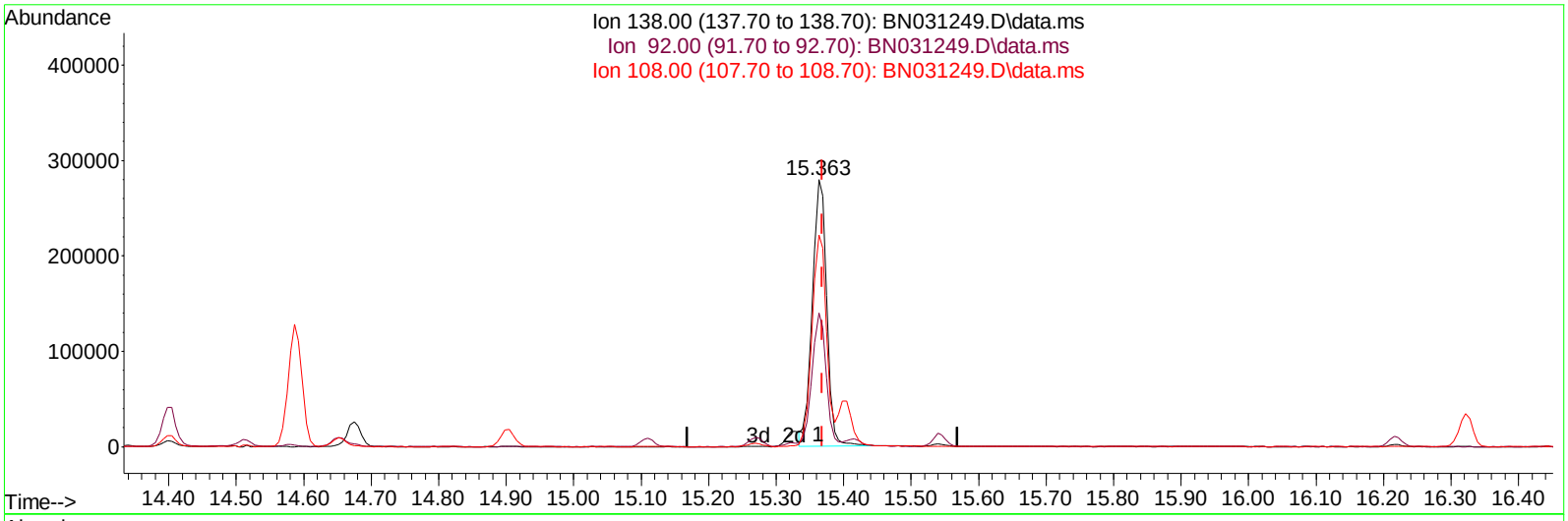

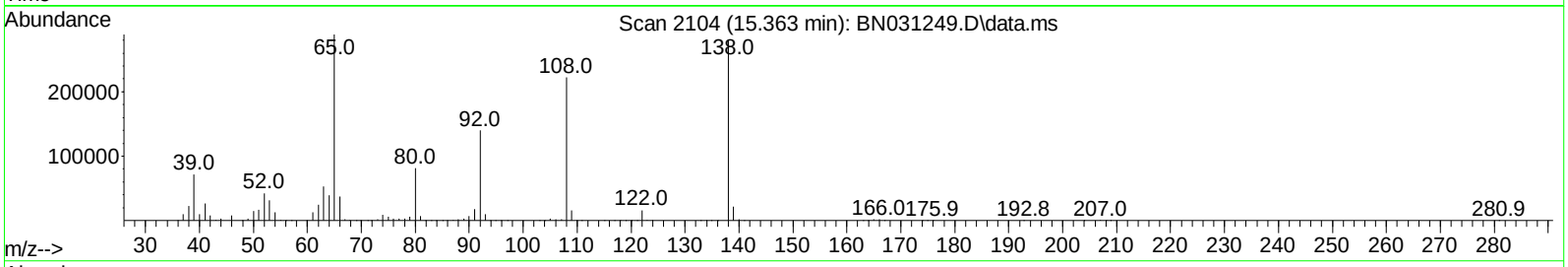

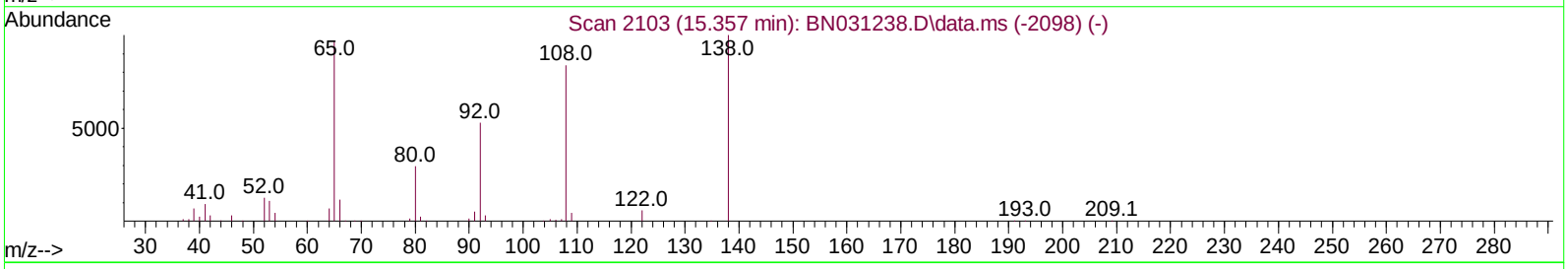

TIC: BN031249.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 32.67 ng/ul

response 417885

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.07
108.00	79.80	79.35
0.00	0.00	0.00

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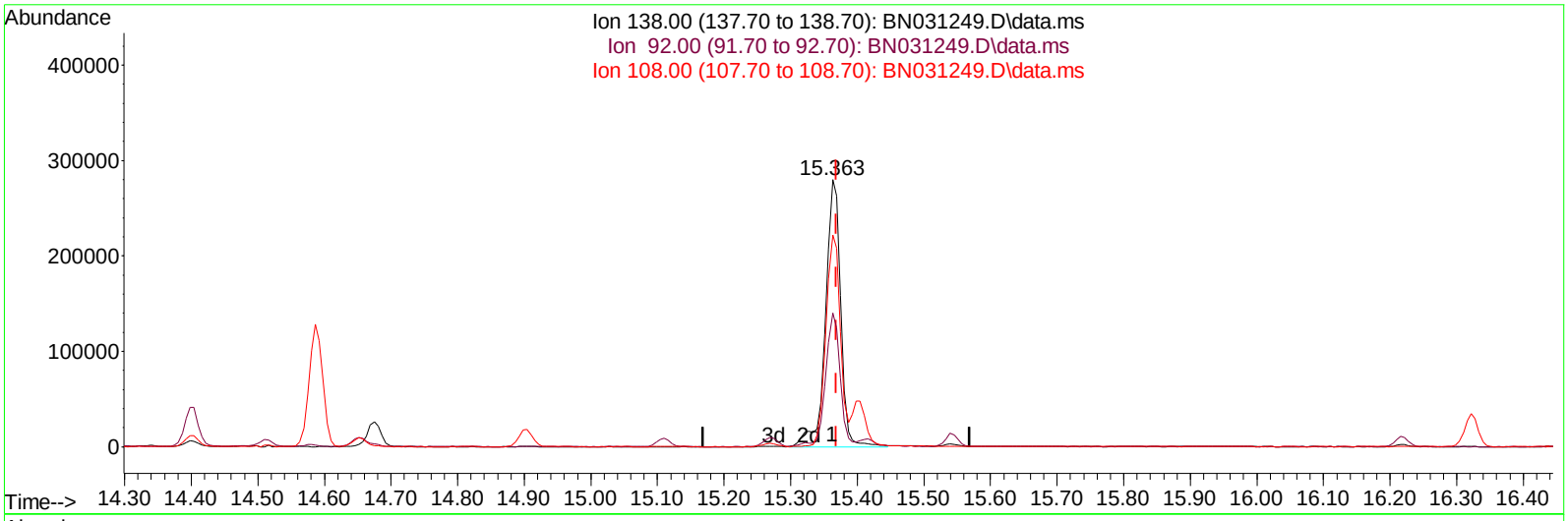

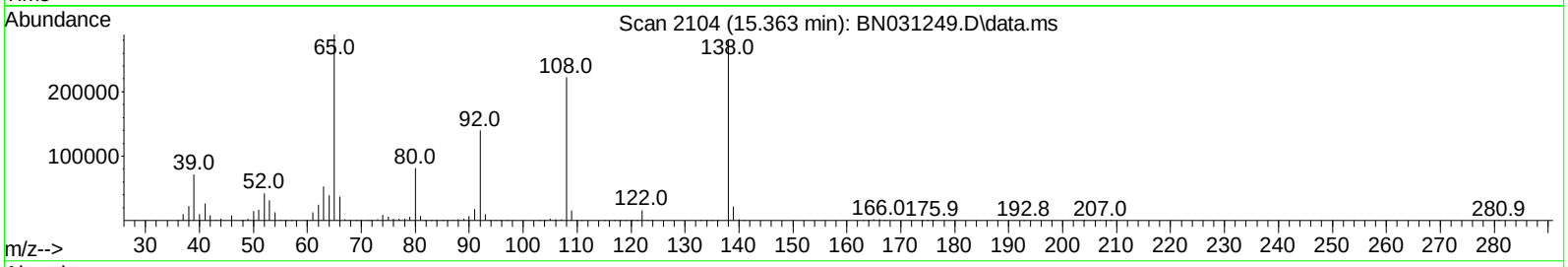

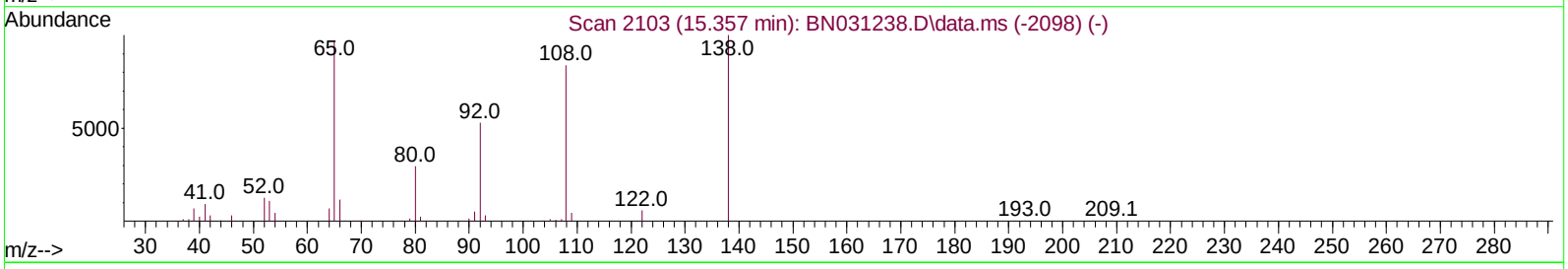

TIC: BN031249.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 34.80 ng/ul m

response 445017

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.07
108.00	79.80	79.35
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	269525	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.404	136	1194353	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.275	164	766735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	1538756	20.000	ng/ul	-0.01
79) Chrysene-d12	21.263	240	1086639	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1032982	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	42584	7.382	ng/uL	0.00
4) Pyridine-d5	3.540	84	469997	28.289	ng/ul	-0.01
7) Phenol-d5	6.805	99	713379	31.376	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	417067	31.529	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.157	132	584728	33.030	ng/ul	-0.01
15) 4-Methylphenol-d8	8.340	113	584967	30.593	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	301832	35.173	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.499	143	337545	37.841	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	596422	33.905	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.551	131	792664	28.835	ng/ul	-0.01
46) Dimethylphthalate-d6	13.692	166	1742782	32.664	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1974023	32.649	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.498	143	337384	30.296	ng/ul	0.00
60) Fluorene-d10	15.269	176	1451321	31.247	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	280623	36.147	ng/ul	0.00
73) Anthracene-d10	17.122	188	2163326	32.436	ng/ul	-0.01
81) Pyrene-d10	19.427	212	2300656	43.086	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1684940	34.397	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	72255	11.819	ng/uL	96
5) Pyridine	3.564	79	567719	33.863	ng/ul	93
6) Benzaldehyde	6.775	77	427055	38.253	ng/ul	99
8) Phenol	6.834	94	806388	34.401	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.063	93	621850	33.622	ng/ul	98
12) 2-Chlorophenol	7.193	128	659629	35.847	ng/ul	100
13) 2-Methylphenol	8.069	108	618966	34.074	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	820749	34.037	ng/ul	98
16) Acetophenone	8.446	105	955338	32.247	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.440	70	482948	32.705	ng/ul	98
18) 4-Methylphenol	8.405	108	685638	33.696	ng/ul	96
19) Hexachloroethane	8.687	117	265661	34.792	ng/ul	99
22) Nitrobenzene	8.828	77	720224	35.561	ng/ul	99
23) Isophorone	9.346	82	1441239	34.870	ng/ul	99
25) 2-Nitrophenol	9.528	139	391837	39.704	ng/ul	96
26) 2,4-Dimethylphenol	9.593	107	703349	34.945	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.828	93	858232	34.185	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	640067	36.430	ng/ul	98
30) Naphthalene	10.451	128	2073787	33.503	ng/ul	100
32) 4-Chloroaniline	10.575	127	777778	29.119	ng/ul	100
33) Hexachlorobutadiene	10.728	225	376421	35.144	ng/ul	98
34) Caprolactam	11.369	113	231329m	33.417	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	711903	34.947	ng/ul	98

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E08N2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	1465906	33.583	ng/ul	100
37) 1-Methylnaphthalene	12.293	142	1467977	33.236	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	737251	36.747	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	373823	33.919	ng/ul	95
41) 2,4,6-Trichlorophenol	12.693	196	514397	38.519	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	548216	37.026	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	1890435	35.849	ng/ul	100
44) 2-Chloronaphthalene	13.140	162	1478764	35.094	ng/ul	100
45) 2-Nitroaniline	13.357	65	452221	38.875	ng/ul	99
47) Dimethylphthalate	13.740	163	1878472	34.127	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	396951	38.418	ng/ul	100
50) Acenaphthylene	13.992	152	2357512	33.380	ng/ul	99
51) 3-Nitroaniline	14.192	138	421299	35.517	ng/ul#	96
52) Acenaphthene	14.339	153	1513643	32.330	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	237863	40.707	ng/ul	97
55) 4-Nitrophenol	14.510	109	291124	32.212	ng/ul	98
56) Dibenzofuran	14.675	168	2158681	33.348	ng/ul	97
57) 2,4-Dinitrotoluene	14.651	165	568968	36.241	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	464994	36.339	ng/ul	95
59) Diethylphthalate	15.110	149	1900608	33.575	ng/ul	98
61) Fluorene	15.328	166	1647812	30.933	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	802309	31.620	ng/ul	97
63) 4-Nitroaniline	15.363	138	445017m	34.796	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	333528	40.011	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	1544490	37.448	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	524137	36.018	ng/ul	93
69) Hexachlorobenzene	16.322	284	605874	36.115	ng/ul	98
70) Atrazine	16.504	200	514034	35.500	ng/ul	98
71) Pentachlorophenol	16.675	266	395977	36.329	ng/ul	97
72) Phenanthrene	17.069	178	2692233	33.079	ng/ul	98
74) Anthracene	17.157	178	2660240	32.298	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	737213	40.845	ng/uL	98
76) Pentachlorobenzene	14.587	250	707492	37.959	ng/uL	97
77) Carbazole	17.433	167	2532995	33.667	ng/ul	99
78) Di-n-butylphthalate	17.998	149	3320651	36.210	ng/ul	99
80) Fluoranthene	19.092	202	2978851	47.137	ng/ul	100
82) Pyrene	19.457	202	3082367	46.421	ng/ul	99
83) Butylbenzylphthalate	20.369	149	1380176	47.106	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.174	252	692722	30.594	ng/ul	95
85) Benzo(a)anthracene	21.245	228	2592436	35.133	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1848409	42.018	ng/ul	98
87) Chrysene	21.304	228	2436774	34.790	ng/ul	96
89) Di-n-octyl phthalate	22.268	149	3039125	51.042	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2251865	38.744	ng/ul	95
91) Benzo(k)fluoranthene	23.304	252	2249917	38.488	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1845636	31.831	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.404	276	2458401	34.168	ng/ul	98
95) Dibenzo(a,h)anthracene	27.462	278	1980552	33.537	ng/ul	95
96) Benzo(g,h,i)perylene	28.415	276	1870667	32.286	ng/ul	99

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

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