Quantitation Report (Qedit)

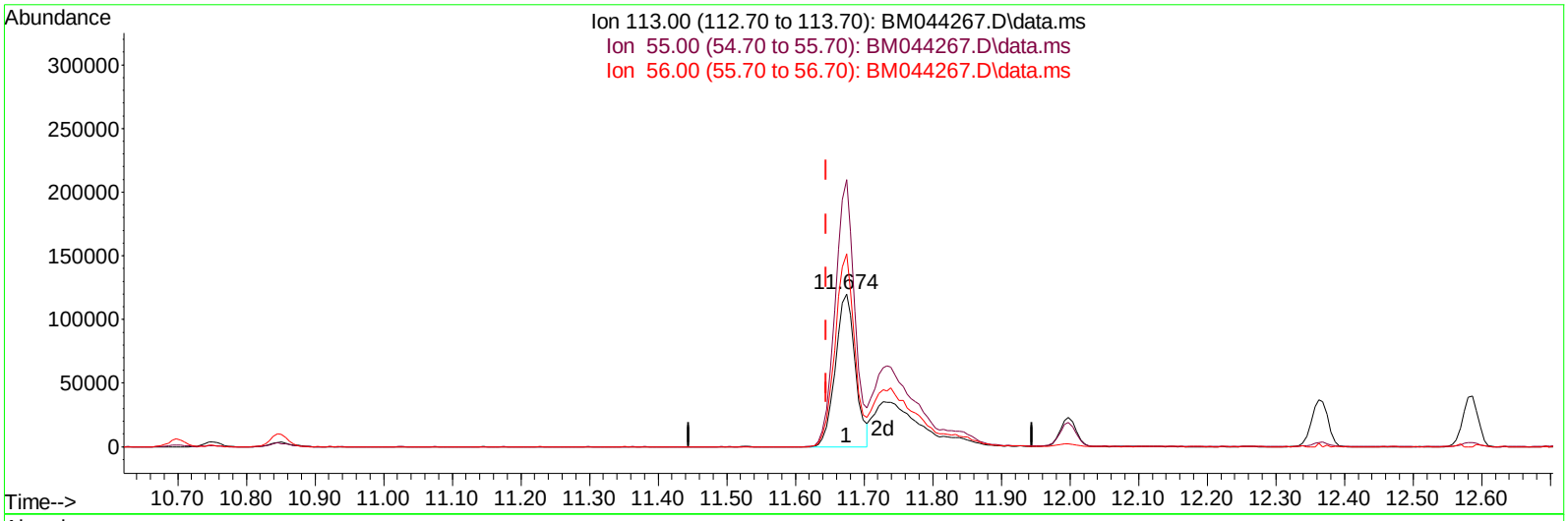
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044267.D
Acq On : 23 Feb 2024 12:43
Operator : MA/JU
Sample : SSTD08097
Misc :
ALS Vial : 6 Sample Multiplier: 1

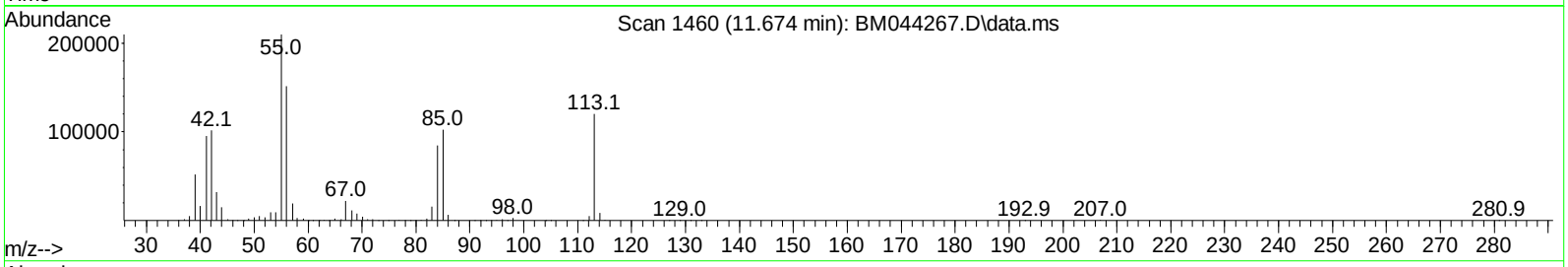
Quant Time: Feb 23 13:31:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 12:21:42 2024
Response via : Initial Calibration

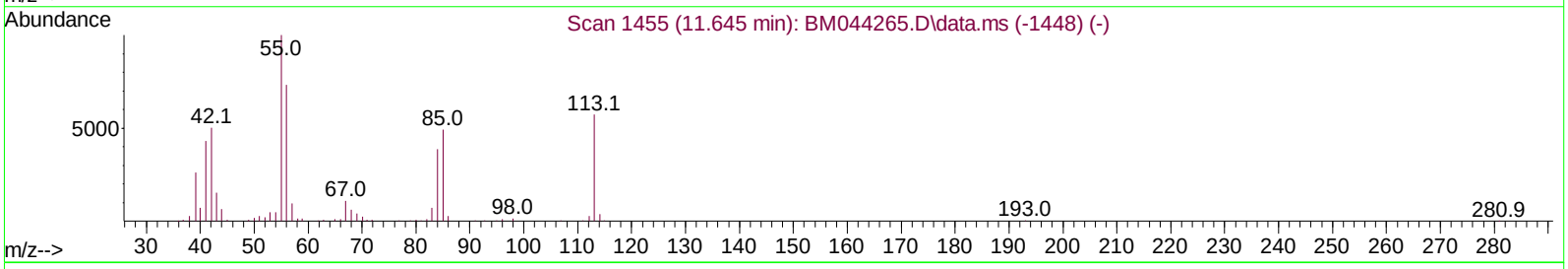
Instrument :
BNA_M
ClientSampleId :
SSTD080017

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024







TIC: BM044267.D\data.ms

(34) Caprolactam

11.674min (+ 0.029) 52.52 ng/ul

response 240629

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	174.78
56.00	128.00	126.34
0.00	0.00	0.00

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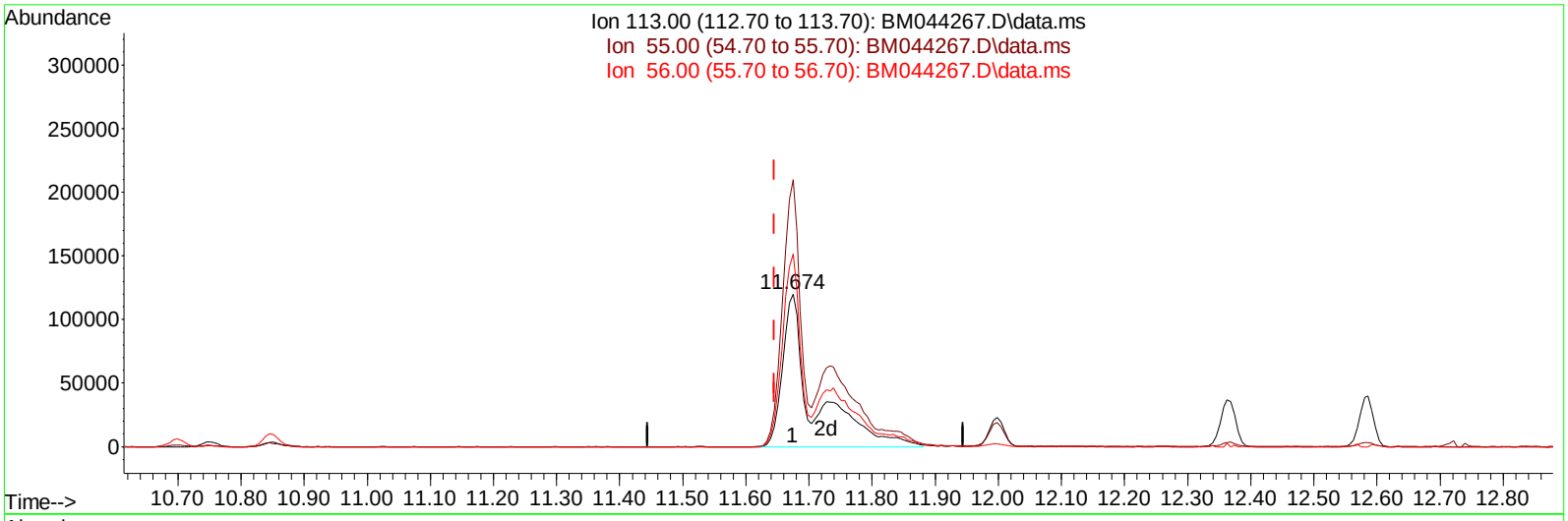

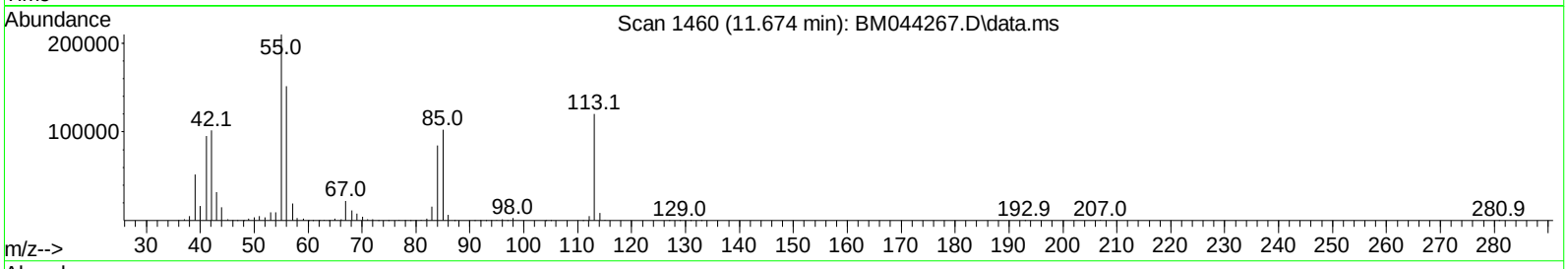

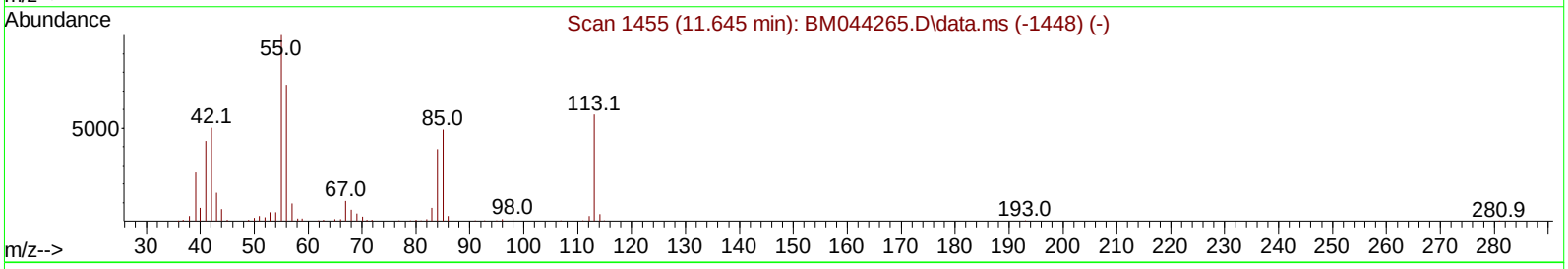

TIC: BM044267.D\data.ms

(34) Caprolactam

11.674min (+ 0.029) 89.68 ng/ul m

response 410844

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	174.78
56.00	128.00	126.34
0.00	0.00	0.00

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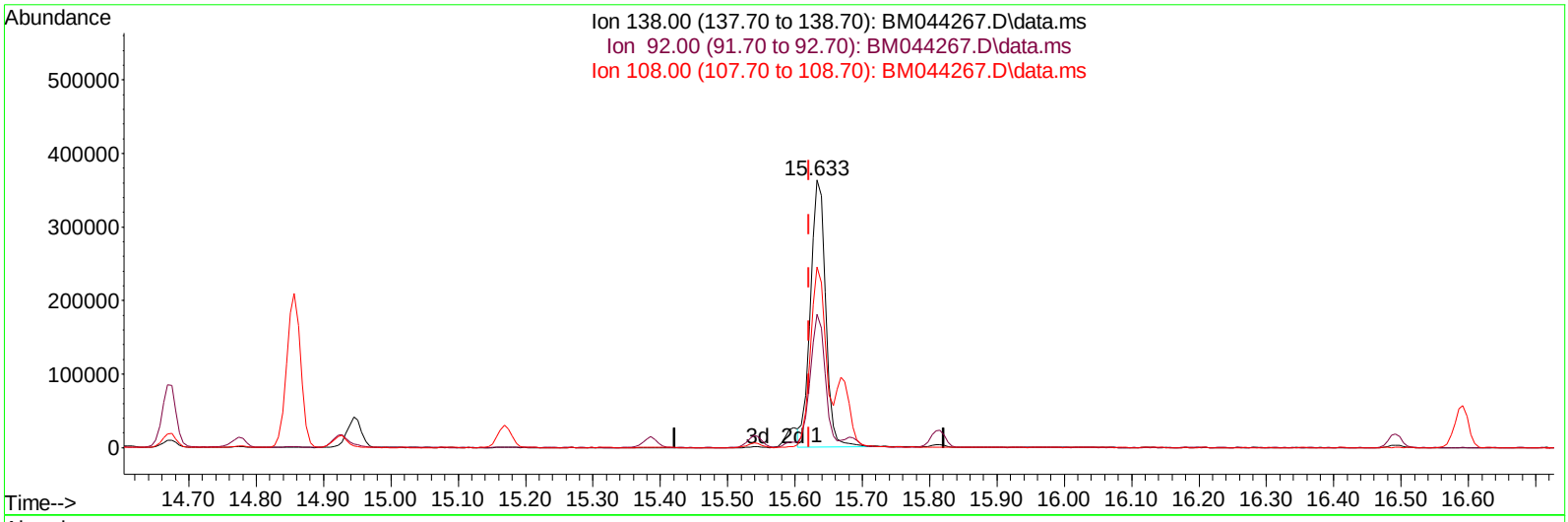

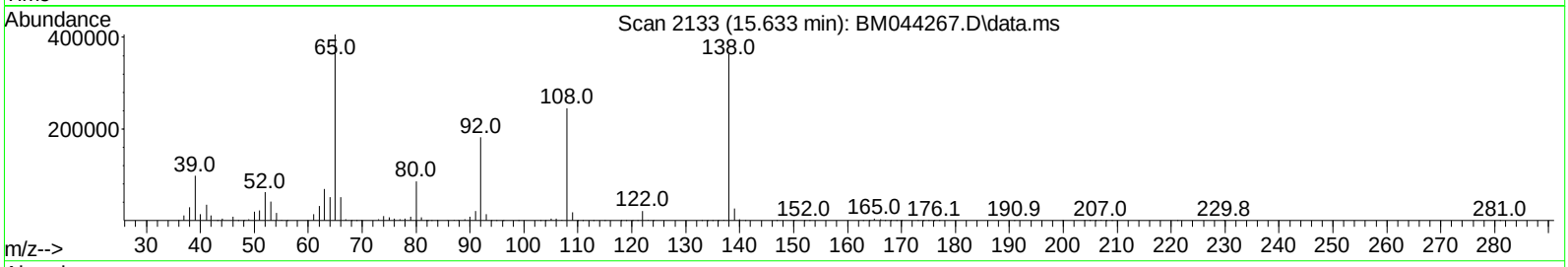

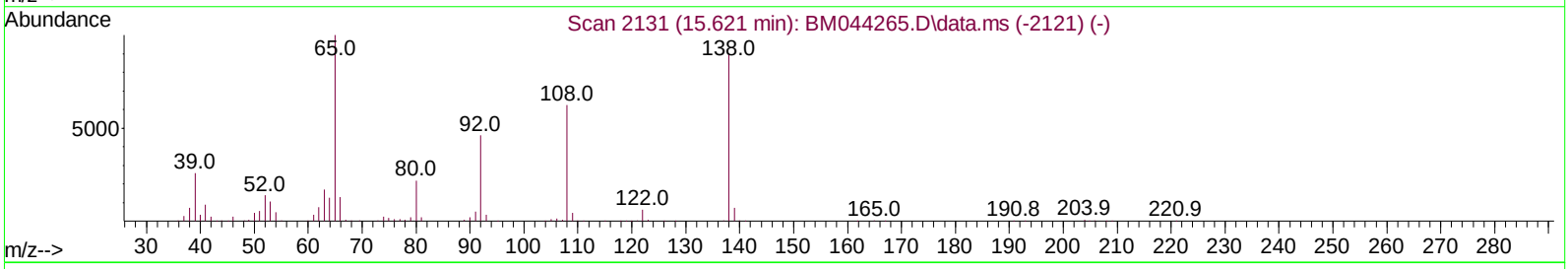

TIC: BM044267.D\data.ms

(63) 4-Nitroaniline

15.633min (+ 0.012) 71.64 ng/ul

response 569499

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	49.91
108.00	68.90	67.48
0.00	0.00	0.00

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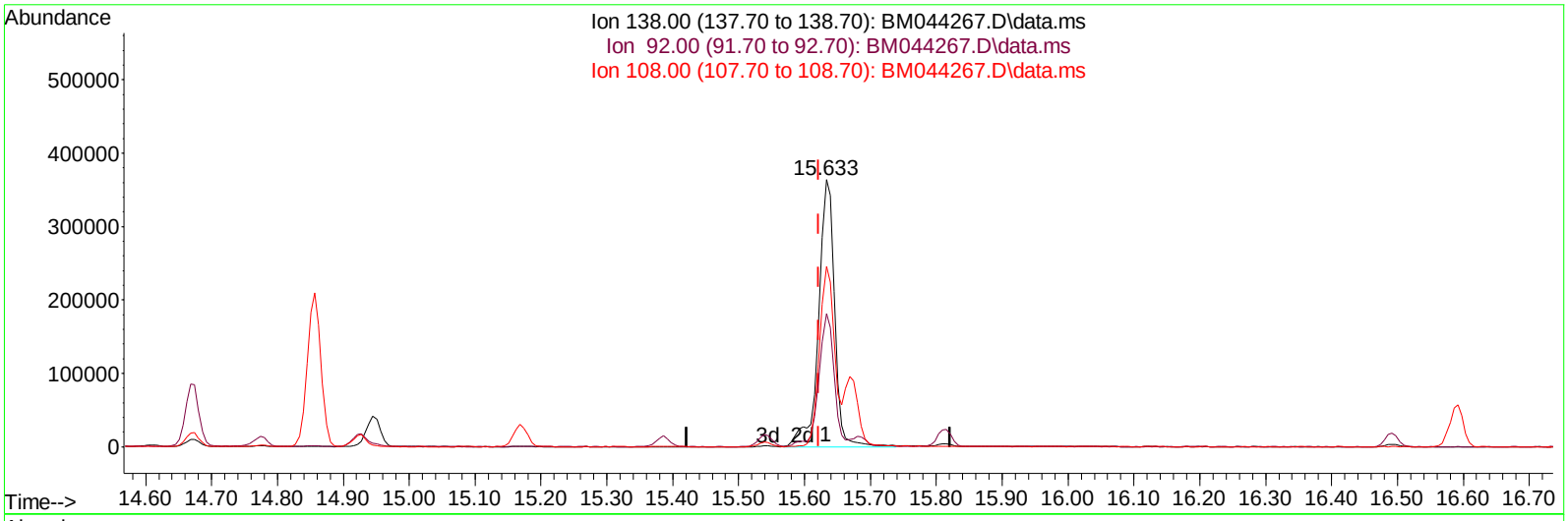

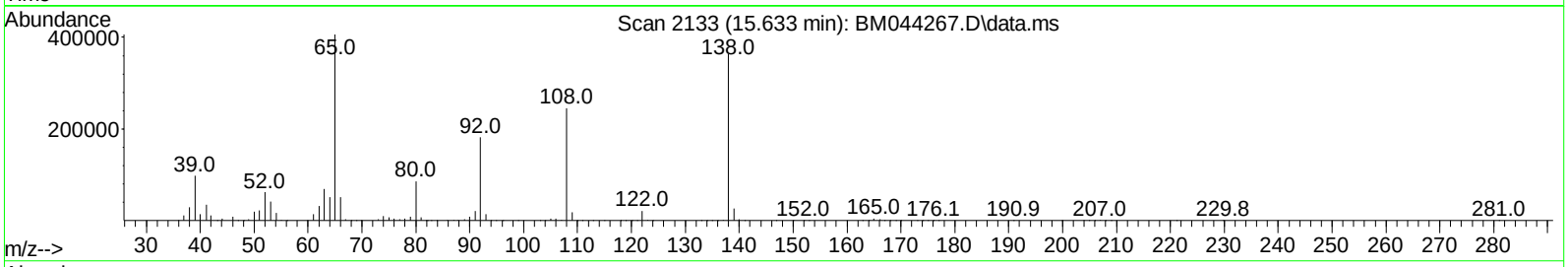

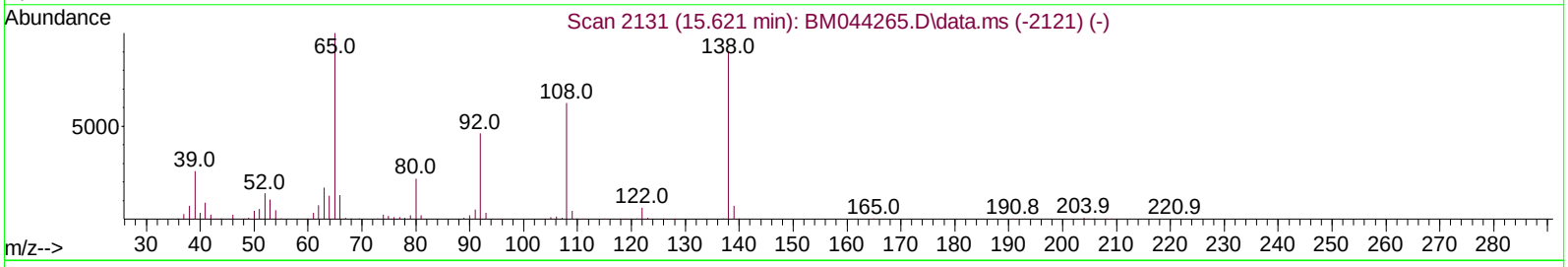

TIC: BM044267.D\data.ms

(63) 4-Nitroaniline

15.633min (+ 0.012) 77.33 ng/ul m

response 614695

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	49.91
108.00	68.90	67.48
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	201138	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	870829	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	494960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1008971	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	844099	20.000	ng/ul	0.00
88) Perylene-d12	23.897	264	975026	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	210330	35.675	ng/uL	0.00
4) Pyridine-d5	3.751	84	1499701	88.452	ng/ul	0.00
7) Phenol-d5	7.063	99	1671803	85.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	1057998	85.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	1314285	92.069	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	1280474	86.351	ng/ul	0.01
21) Nitrobenzene-d5	9.069	128	651088	92.255	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	706251	100.881	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	1164302	88.429	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	1848258	83.674	ng/ul	0.00
46) Dimethylphthalate-d6	13.968	166	3286135	86.616	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	3844291	85.547	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	700607	88.424	ng/ul	0.02
60) Fluorene-d10	15.539	176	2713377	82.115	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	573588	95.086	ng/ul	0.00
73) Anthracene-d10	17.398	188	4077435	82.523	ng/ul	0.00
81) Pyrene-d10	19.697	212	4496265	90.805	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.750	264	4363919	85.854	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	227373	37.563	ng/uL	99
5) Pyridine	3.775	79	1547759	89.688	ng/ul	95
6) Benzaldehyde	7.045	77	575886	68.691	ng/ul	100
8) Phenol	7.092	94	1727826	85.987	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.334	93	1420338	87.166	ng/ul	99
12) 2-Chlorophenol	7.457	128	1342527	89.532	ng/ul	98
13) 2-Methylphenol	8.345	108	1293093	87.683	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	1921146	83.633	ng/ul	98
16) Acetophenone	8.733	105	1973262	82.340	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.728	70	1050925	87.075	ng/ul	99
18) 4-Methylphenol	8.681	108	1376424	86.748	ng/ul	97
19) Hexachloroethane	8.969	117	558041	87.055	ng/ul	97
22) Nitrobenzene	9.116	77	1511259	85.133	ng/ul	98
23) Isophorone	9.645	82	3032583	90.351	ng/ul	99
25) 2-Nitrophenol	9.822	139	755005	96.375	ng/ul	97
26) 2,4-Dimethylphenol	9.880	107	1361212	86.108	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.128	93	1888887	89.598	ng/ul	100
29) 2,4-Dichlorophenol	10.351	162	1146469	87.416	ng/ul	99
30) Naphthalene	10.751	128	4157663	84.532	ng/ul	99
32) 4-Chloroaniline	10.875	127	1804761	83.213	ng/ul	98
33) Hexachlorobutadiene	11.022	225	645225	78.714	ng/ul	99
34) Caprolactam	11.674	113	410844m	89.679	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	1301474	91.915	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	2720409	84.070	ng/ul	100
37) 1-Methylnaphthalene	12.586	142	2668822	83.673	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.727	216	1238066	80.517	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	841552	83.288	ng/ul	99
41) 2,4,6-Trichlorophenol	12.974	196	876997	90.999	ng/ul	99
42) 2,4,5-Trichlorophenol	13.045	196	935298	89.813	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	3363743	82.972	ng/ul	99
44) 2-Chloronaphthalene	13.421	162	2652493	82.712	ng/ul	99
45) 2-Nitroaniline	13.639	65	870448	93.518	ng/ul	96
47) Dimethylphthalate	14.015	163	3339551	85.388	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	711140	98.706	ng/ul	94
50) Acenaphthylene	14.268	152	4377391	83.182	ng/ul	99
51) 3-Nitroaniline	14.468	138	673508	82.689	ng/ul	96
52) Acenaphthene	14.610	153	2868533	83.017	ng/ul	99
53) 2,4-Dinitrophenol	14.674	184	442651	104.975	ng/ul	97
55) 4-Nitrophenol	14.774	109	471689	77.213	ng/ul	97
56) Dibenzofuran	14.945	168	3741164	80.195	ng/ul	98
57) 2,4-Dinitrotoluene	14.927	165	995675	94.971	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.168	232	746281	86.445	ng/ul#	99
59) Diethylphthalate	15.386	149	3498026	88.219	ng/ul	99
61) Fluorene	15.598	166	2934434	75.152	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.598	204	1372876	73.460	ng/ul	98
63) 4-Nitroaniline	15.633	138	614695m	77.326	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	614466	91.892	ng/ul#	98
67) N-Nitrosodiphenylamine	15.815	169	2649816	84.611	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	881138	83.074	ng/ul	98
69) Hexachlorobenzene	16.592	284	967382	78.911	ng/ul	99
70) Atrazine	16.780	200	829389	79.054	ng/ul	98
71) Pentachlorophenol	16.939	266	672946	84.496	ng/ul	99
72) Phenanthrene	17.345	178	4799587	81.424	ng/ul	99
74) Anthracene	17.433	178	4867483	81.123	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	1215868	83.409	ng/uL	100
76) Pentachlorobenzene	14.857	250	1116916	79.937	ng/uL	97
77) Carbazole	17.709	167	4590176	80.980	ng/ul	100
78) Di-n-butylphthalate	18.286	149	6332370	95.134	ng/ul	99
80) Fluoranthene	19.362	202	5407756	91.289	ng/ul	99
82) Pyrene	19.733	202	5461221	87.225	ng/ul	98
83) Butylbenzylphthalate	20.650	149	2917389	114.137	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.427	252	1593194	86.283	ng/ul	99
85) Benzo(a)anthracene	21.486	228	5380267	85.116	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.433	149	4038246	103.708	ng/ul	100
87) Chrysene	21.544	228	4984442	84.450	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	7635627	108.668	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	5397820	85.192	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	5436821	85.313	ng/ul	99
93) Benzo(a)pyrene	23.803	252	5188510	85.494	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.403	276	6328423	85.246	ng/ul	99
95) Dibenzo(a,h)anthracene	26.426	278	5254379	84.870	ng/ul	99
96) Benzo(g,h,i)perylene	27.168	276	5142420	86.261	ng/ul	98

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

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