Quantitation Report (Qedit)

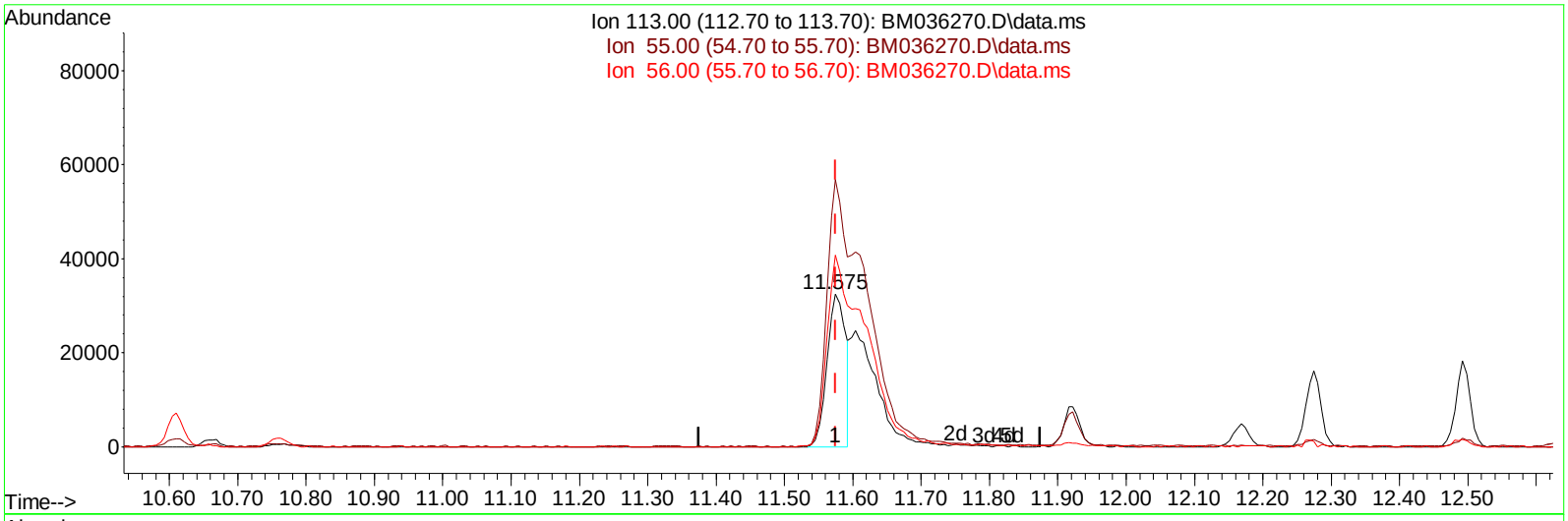
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081422\
Data File : BM036270.D
Acq On : 14 Aug 2022 14:55
Operator : CG/JU
Sample : PB146982BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

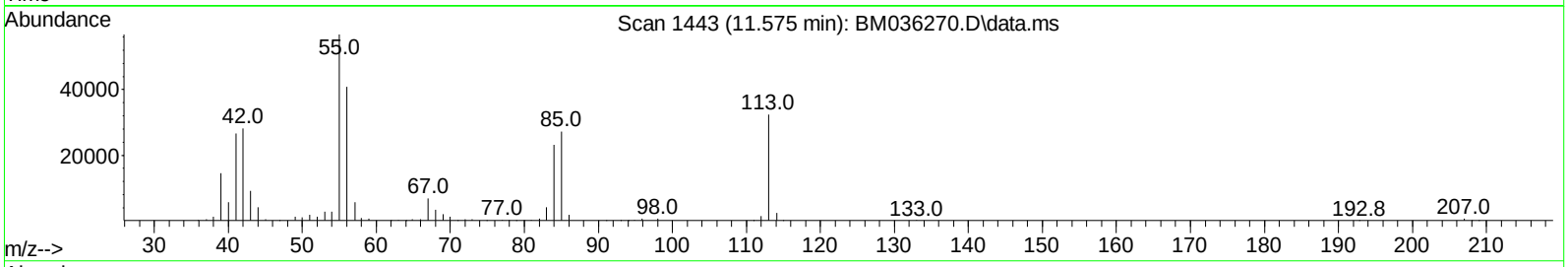
Quant Time: Aug 14 23:37:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 14 23:34:05 2022
Response via : Initial Calibration

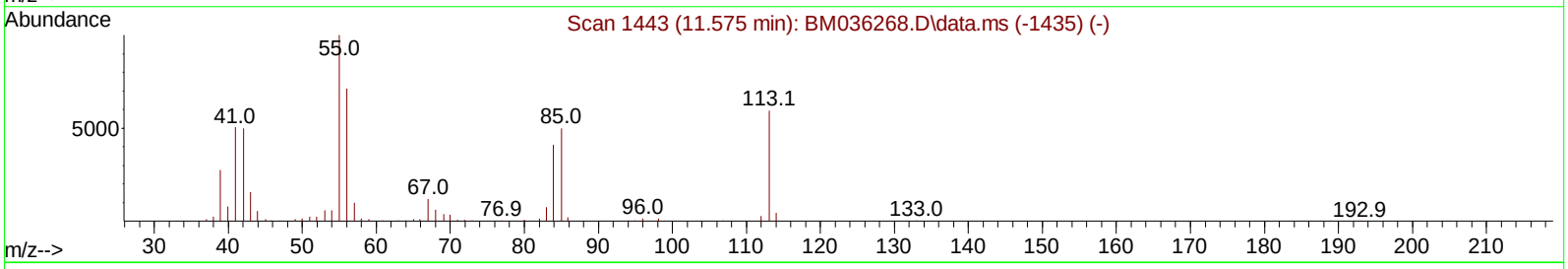
Instrument :
BNA_M
ClientSampleId :
SLCS982

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/15/2022
Supervised By :mohammad ahmed 08/16/2022







TIC: BM036270.D\data.ms

(34) Caprolactam

11.575min (-0.000) 11.79 ng/ul

response 61516

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	174.70
56.00	127.60	125.52
0.00	0.00	0.00

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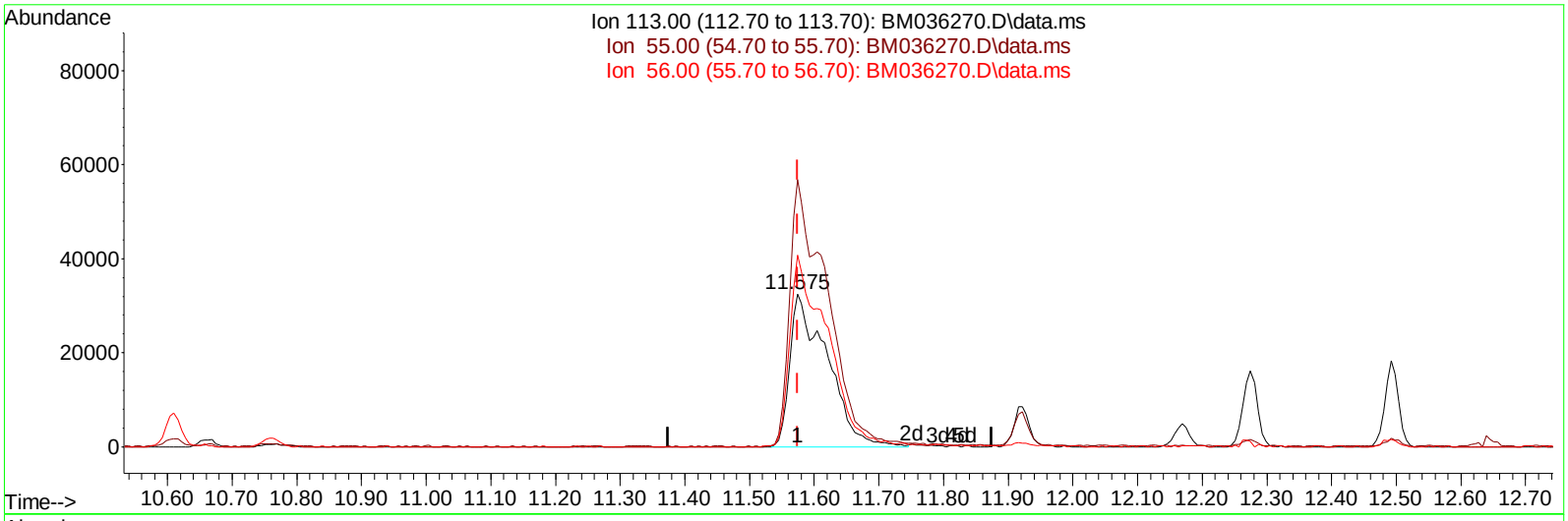

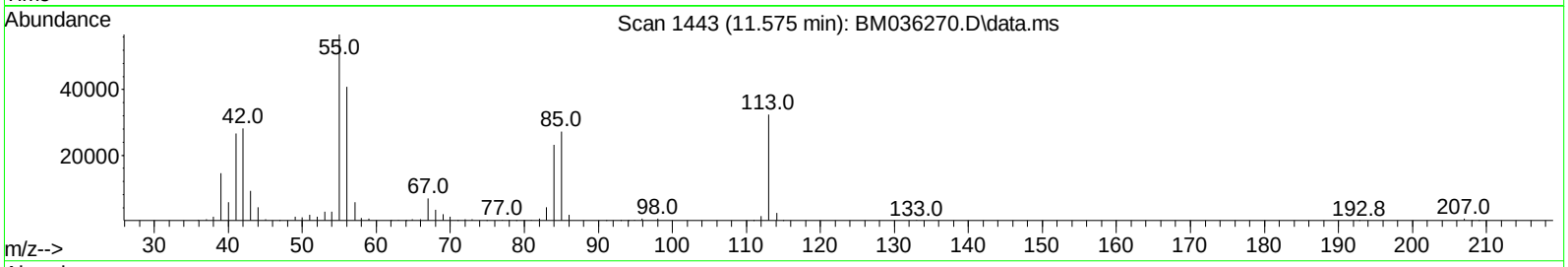

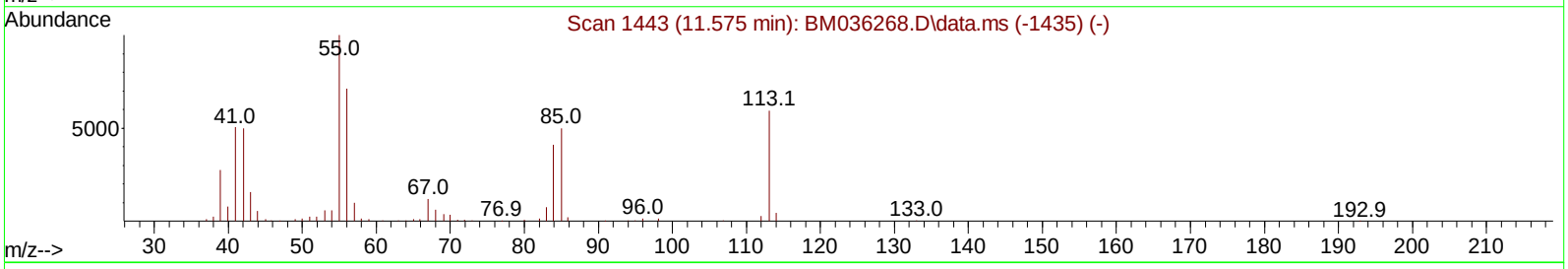

TIC: BM036270.D\data.ms

(34) Caprolactam

11.575min (-0.000) 24.72 ng/ul m

response 129011

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	174.70
56.00	127.60	125.52
0.00	0.00	0.00

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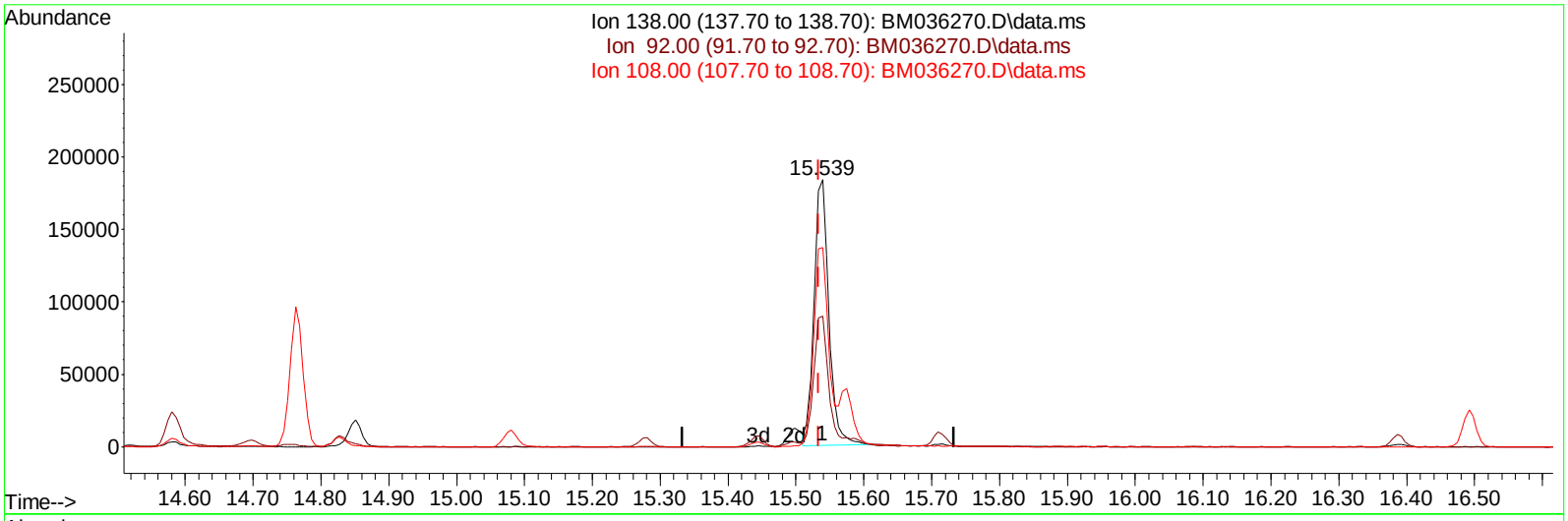

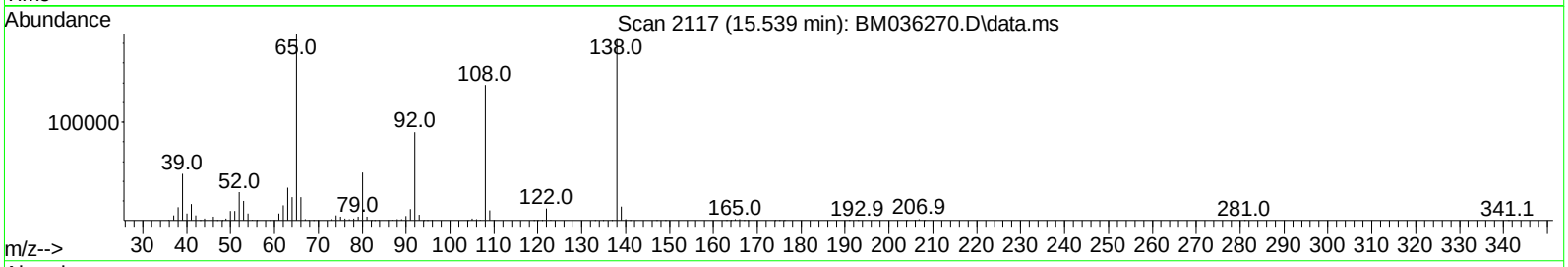

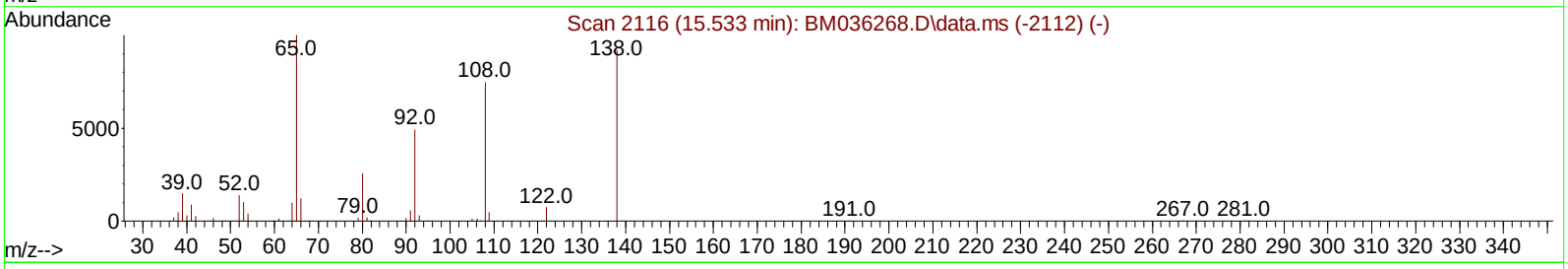

TIC: BM036270.D\data.ms

(63) 4-Nitroaniline

15.539min (+ 0.006) 31.27 ng/ul

response 279179

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	48.90
108.00	64.50	74.64
0.00	0.00	0.00

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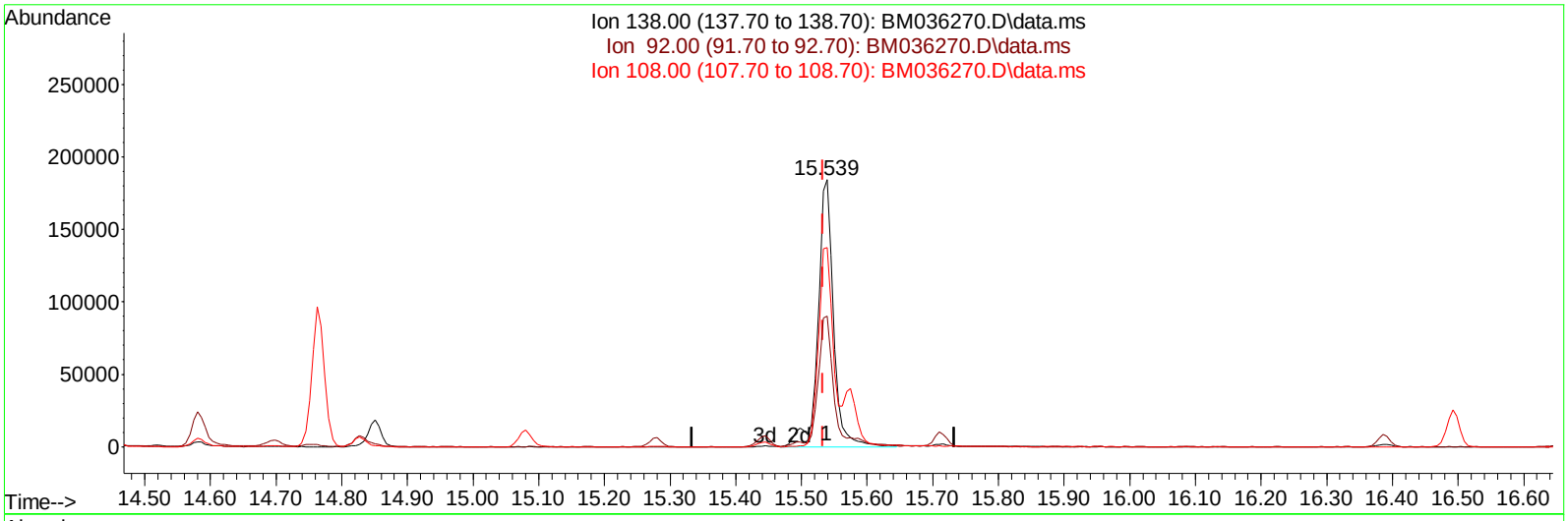

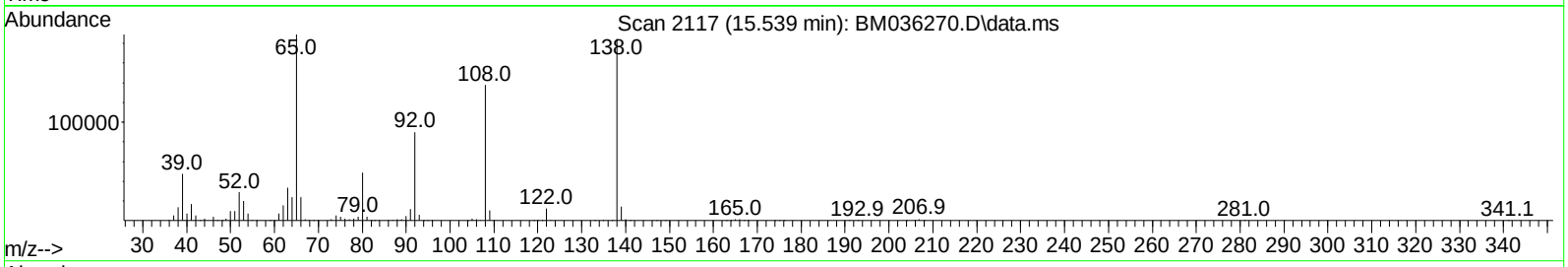

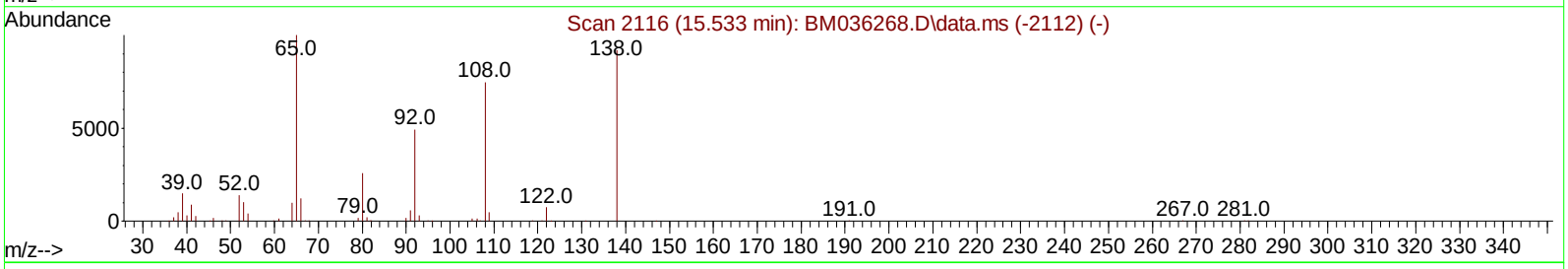

TIC: BM036270.D\data.ms

(63) 4-Nitroaniline

15.539min (+ 0.006) 34.36 ng/ul m

response 306745

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	48.90
108.00	64.50	74.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/15/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	250371	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	1089662	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	645101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1261866	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1165519	20.000	ng/ul	0.00
88) Perylene-d12	23.709	264	1150174	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	34205	5.141	ng/uL	0.00
4) Pyridine-d5	3.640	84	269681	14.795	ng/ul	0.00
7) Phenol-d5	6.993	99	617501	29.410	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	395423	28.251	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	508937	29.203	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	470737	27.675	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	251244	29.097	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	260759	30.997	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	464872	30.554	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	313242	12.161	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	1309133	29.792	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	1593967	28.430	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	243582	26.994	ng/ul	0.00
60) Fluorene-d10	15.445	176	1160138	29.216	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	204104	30.091	ng/ul	0.00
73) Anthracene-d10	17.292	188	1769318	31.014	ng/ul	0.00
81) Pyrene-d10	19.586	212	1921754	29.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	1827355	31.294	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	72039	10.448	ng/uL	92
5) Pyridine	3.658	79	451792	23.619	ng/ul	88
6) Benzaldehyde	6.951	77	272835	30.961	ng/ul	94
8) Phenol	7.022	94	613994	26.722	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	501384	27.143	ng/ul	96
12) 2-Chlorophenol	7.375	128	502075	28.084	ng/ul	99
13) 2-Methylphenol	8.269	108	459423	26.765	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.345	45	673999	27.643	ng/ul	98
16) Acetophenone	8.640	105	745230	27.289	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.628	70	370300	27.191	ng/ul	95
18) 4-Methylphenol	8.604	108	497852	27.036	ng/ul	98
19) Hexachloroethane	8.881	117	210840	28.583	ng/ul	90
22) Nitrobenzene	9.022	77	546346	27.650	ng/ul	99
23) Isophorone	9.551	82	1020758	27.367	ng/ul	98
25) 2-Nitrophenol	9.728	139	274000	29.358	ng/ul	98
26) 2,4-Dimethylphenol	9.798	107	533636	27.982	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.034	93	659284	28.026	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	457811	28.990	ng/ul	98
30) Naphthalene	10.663	128	1611081	28.011	ng/ul	99
32) 4-Chloroaniline	10.786	127	473955	18.524	ng/ul	96
33) Hexachlorobutadiene	10.939	225	282409	28.968	ng/ul	98
34) Caprolactam	11.575	113	129011m	24.719	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	464835	28.308	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	1056242	28.069	ng/ul	99
37) 1-Methylnaphthalene	12.492	142	1053612	27.778	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	509988	27.772	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	293182	23.972	ng/ul	98
41) 2,4,6-Trichlorophenol	12.892	196	331091	28.175	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	356152	28.403	ng/ul	99
43) 1,1'-Biphenyl	13.286	154	1381987	27.833	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	1054477	27.672	ng/ul	99
45) 2-Nitroaniline	13.545	65	300753	28.628	ng/ul	98
47) Dimethylphthalate	13.922	163	1277412	28.900	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	258957	29.509	ng/ul	92
50) Acenaphthylene	14.174	152	1742721	28.098	ng/ul	100
51) 3-Nitroaniline	14.374	138	279670	28.837	ng/ul	99
52) Acenaphthene	14.516	153	1128467	28.046	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	133444	26.782	ng/ul	97
55) 4-Nitrophenol	14.698	109	178772	25.903	ng/ul	82
56) Dibenzofuran	14.851	168	1573499	28.263	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	373655	30.206	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.080	232	275782	27.993	ng/ul#	94
59) Diethylphthalate	15.280	149	1333626	29.829	ng/ul	99
61) Fluorene	15.498	166	1276927	28.077	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.498	204	614751	28.212	ng/ul	96
63) 4-Nitroaniline	15.539	138	306745m	34.356	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	204146	30.078	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	1069394	28.827	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	361441	29.217	ng/ul	98
69) Hexachlorobenzene	16.492	284	432284	28.679	ng/ul	96
70) Atrazine	16.668	200	136950	10.643	ng/ul	98
71) Pentachlorophenol	16.845	266	225710	24.512	ng/ul	99
72) Phenanthrene	17.239	178	1959885	28.978	ng/ul	98
74) Anthracene	17.327	178	1987669	29.289	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	505902	25.781	ng/uL	97
76) Pentachlorobenzene	14.769	250	502670	28.259	ng/uL	99
77) Carbazole	17.604	167	1825622	29.126	ng/ul	99
78) Di-n-butylphthalate	18.168	149	2264018	32.014	ng/ul	99
80) Fluoranthene	19.251	202	2227783	28.866	ng/ul	98
82) Pyrene	19.615	202	2312930	29.076	ng/ul	97
83) Butylbenzylphthalate	20.515	149	960799	33.209	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.298	252	661668	30.764	ng/ul	99
85) Benzo(a)anthracene	21.362	228	2145500	29.246	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	1415629	33.863	ng/ul	99
87) Chrysene	21.415	228	2105236	29.412	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	2351891	31.664	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2192386	28.561	ng/ul	98
91) Benzo(k)fluoranthene	23.044	252	2106894	28.925	ng/ul	97
93) Benzo(a)pyrene	23.609	252	2153625	29.456	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	2464387	31.622	ng/ul	95
95) Dibenzo(a,h)anthracene	26.150	278	2134977	31.932	ng/ul	96
96) Benzo(g,h,i)perylene	26.874	276	2077718	32.172	ng/ul	96

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

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