Quantitation Report (Qedit)

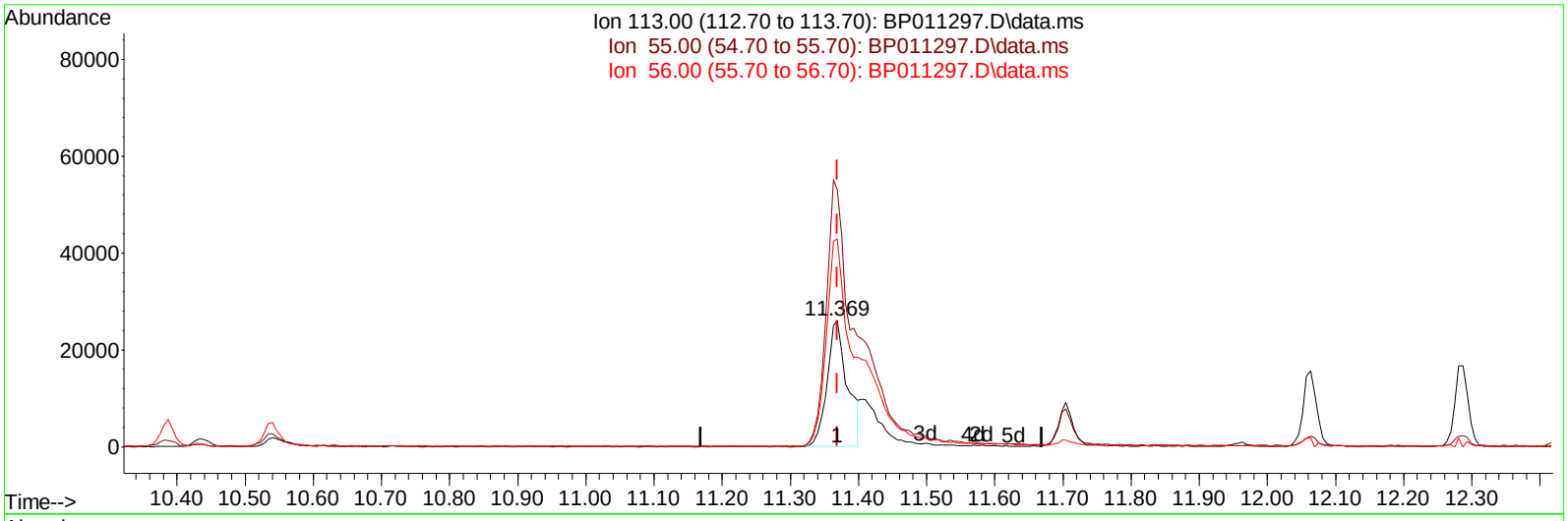
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
Data File : BP011297.D
Acq On : 06 Aug 2022 01:54
Operator : CG/JU
Sample : PB146743BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

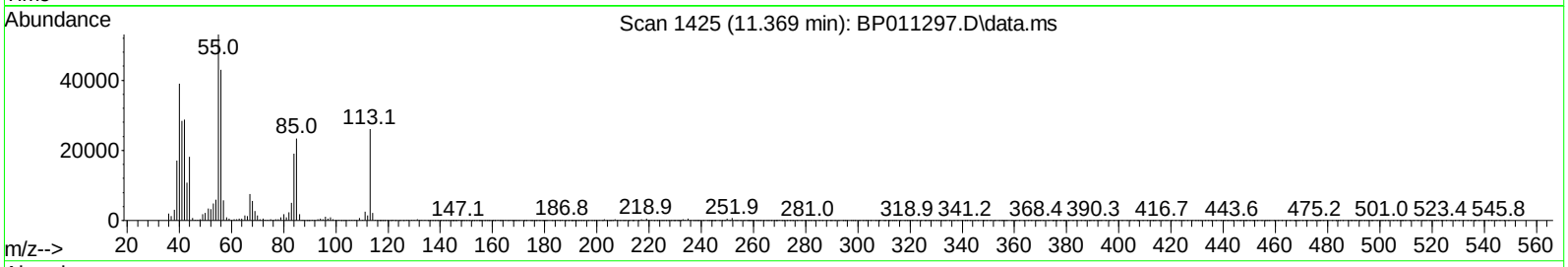
Quant Time: Aug 06 02:59:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 02 23:52:37 2022
Response via : Initial Calibration

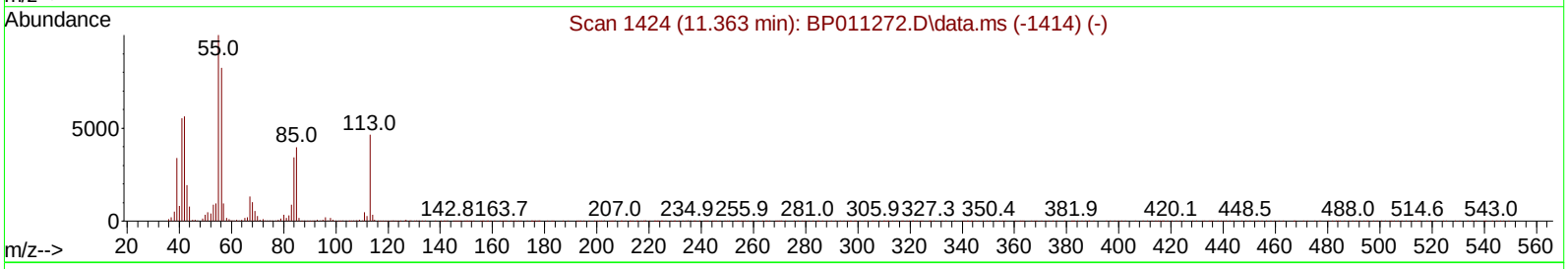
Instrument :
BNA_P
ClientSampleId :
SLCS743

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/10/2022







TIC: BP011297.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 24.34 ng/ul

response 53926

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	203.37
56.00	158.80	164.65
0.00	0.00	0.00

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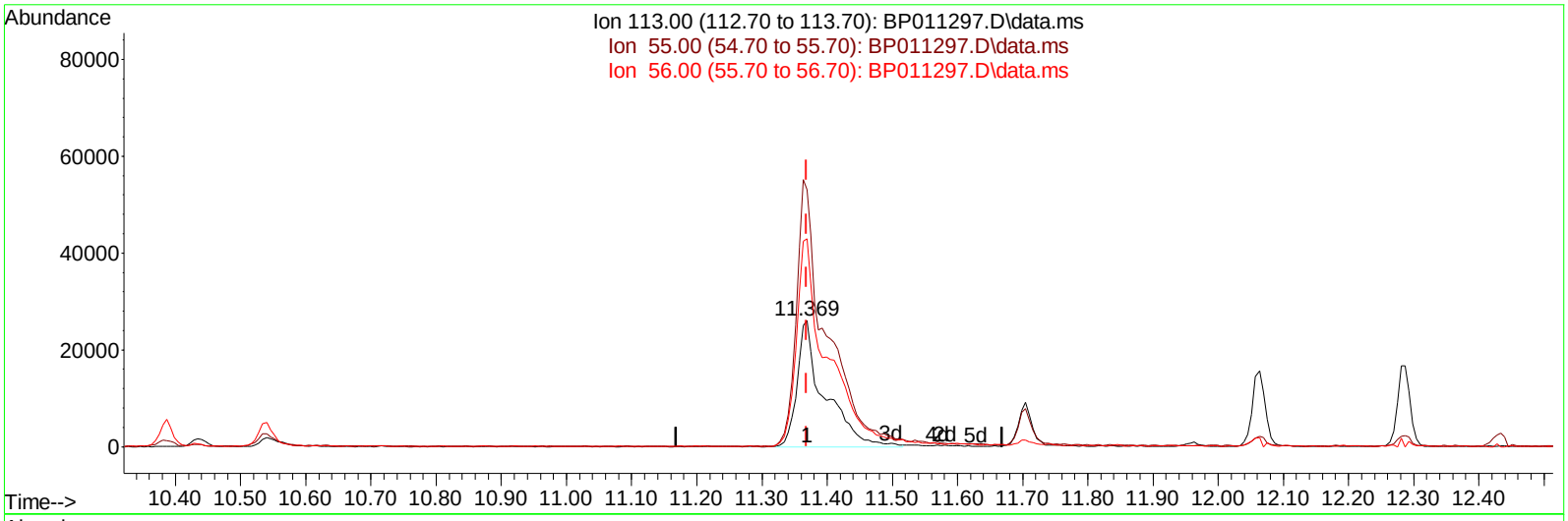

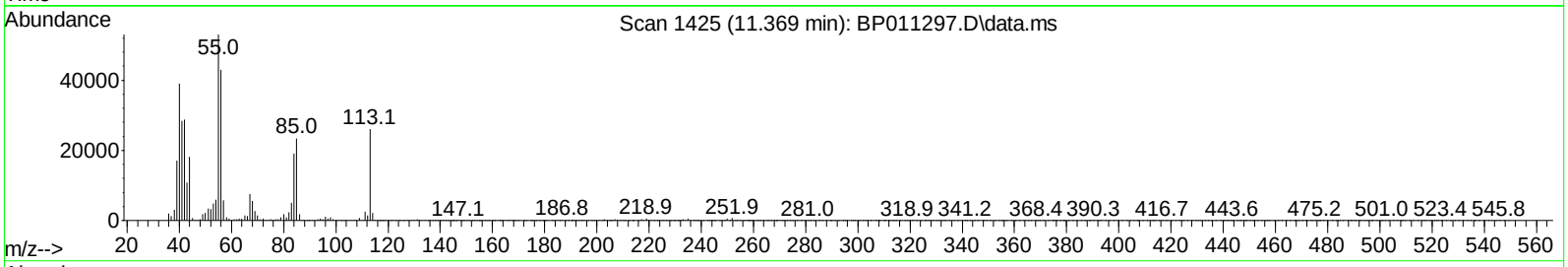

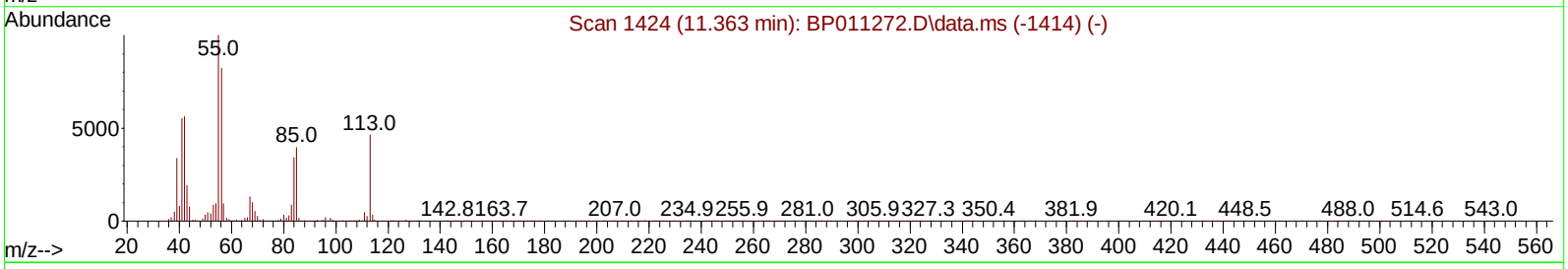

TIC: BP011297.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 34.30 ng/ul m

response 75996

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	203.37
56.00	158.80	164.65
0.00	0.00	0.00

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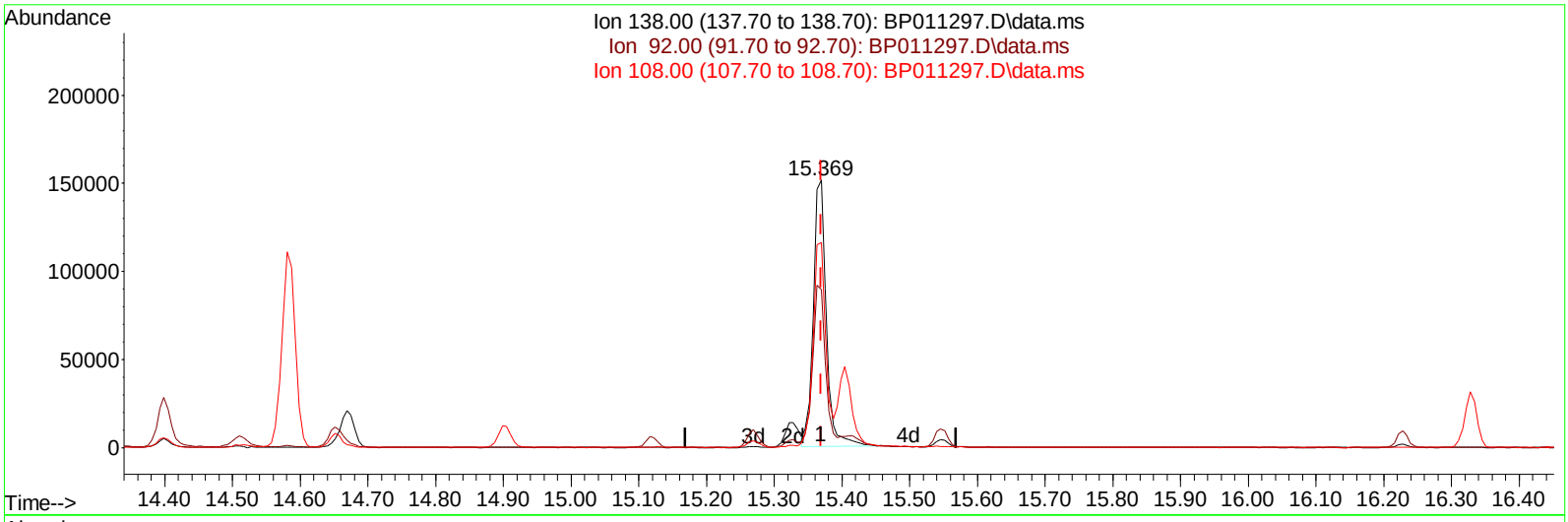

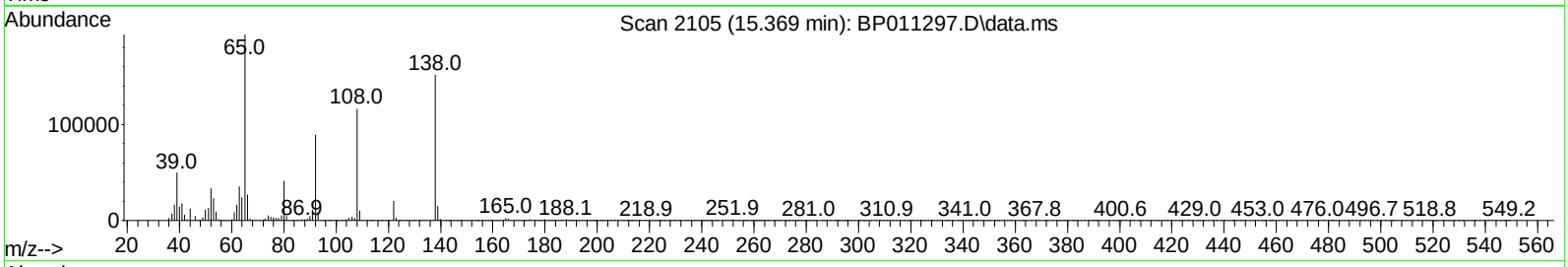

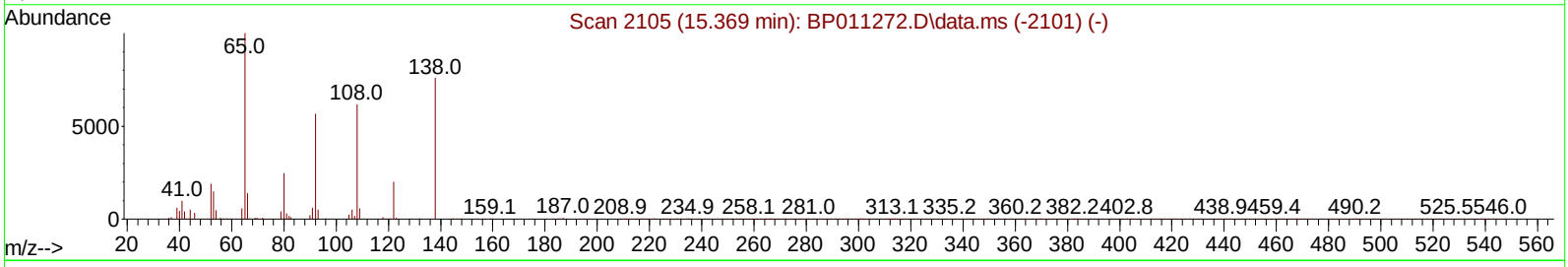

TIC: BP011297.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.000) 47.87 ng/ul

response 201742

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	59.07
108.00	83.90	76.81
0.00	0.00	0.00

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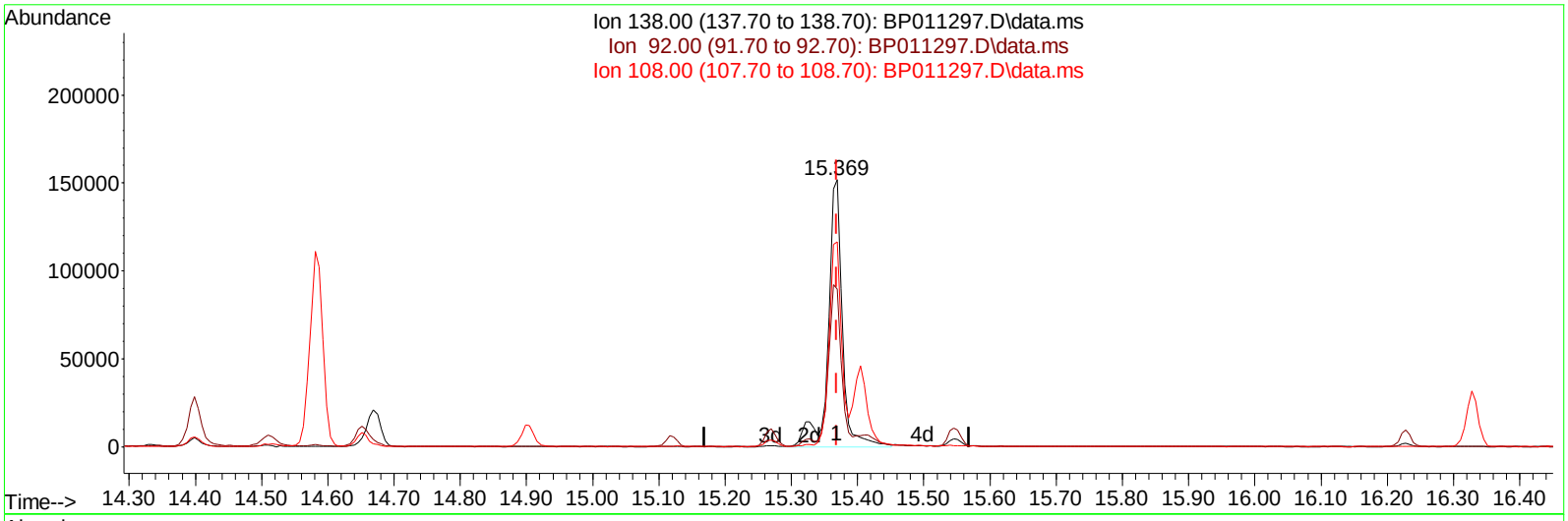

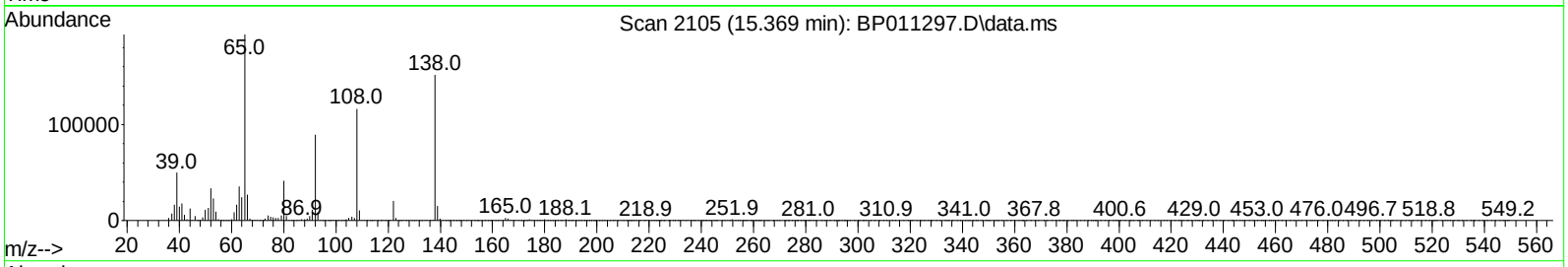

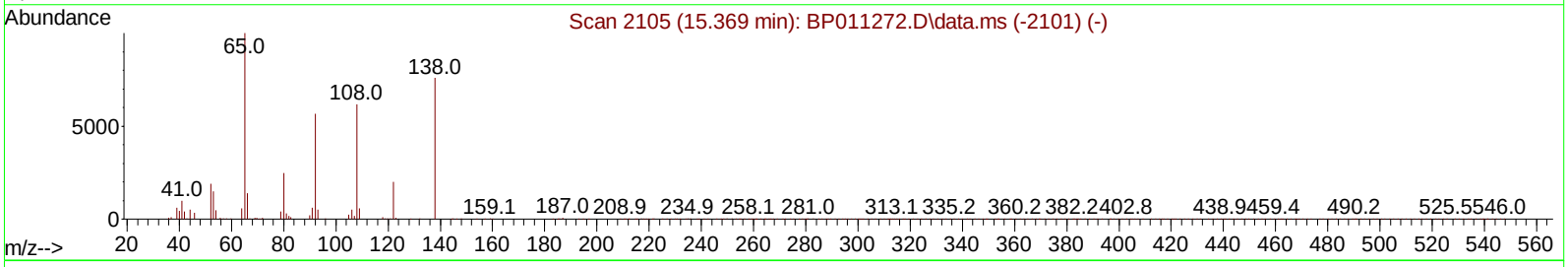

TIC: BP011297.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.000) 53.71 ng/ul m

response 226351

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	59.07
108.00	83.90	76.81
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :Sohil Jodhani 08/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	114826	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	556782	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	440251	20.000	ng/ul	#-0.01
64) Phenanthrene-d10	17.039	188	862498	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	988728	20.000	ng/ul	-0.01
88) Perylene-d12	23.469	264	856276	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	4195	2.954	ng/uL	0.00
4) Pyridine-d5	3.499	84	75646	19.748	ng/ul	0.00
7) Phenol-d5	6.781	99	326689	34.140	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	259777	37.622	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.128	132	252975	32.434	ng/ul	-0.01
15) 4-Methylphenol-d8	8.322	113	256811	32.616	ng/ul	0.00
21) Nitrobenzene-d5	8.758	128	184247	46.006	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.475	143	150790	40.169	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	306469	42.812	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	600804	54.251	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	1014501	33.645	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1505866	39.693	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.498	143	223761	43.640	ng/ul	0.00
60) Fluorene-d10	15.269	176	1111298	43.314	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	193845	48.402	ng/ul	-0.01
73) Anthracene-d10	17.139	188	1764365	46.546	ng/ul	0.00
81) Pyrene-d10	19.398	212	1900949	38.026	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.322	264	1789426	41.937	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.123	88	8861	6.765	ng/uL#	73
5) Pyridine	3.517	79	72236	18.623	ng/ul	95
6) Benzaldehyde	6.746	77	196050	41.910	ng/ul	97
8) Phenol	6.805	94	359054	34.992	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.034	93	304332	36.146	ng/ul	97
12) 2-Chlorophenol	7.158	128	290724	35.885	ng/ul	97
13) 2-Methylphenol	8.052	108	234591	30.216	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.134	45	474351	33.062	ng/ul#	94
16) Acetophenone	8.422	105	725160	56.830	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.416	70	257566	41.482	ng/ul	98
18) 4-Methylphenol	8.381	108	330428	39.684	ng/ul	99
19) Hexachloroethane	8.658	117	217351	55.947	ng/ul	99
22) Nitrobenzene	8.799	77	504598	45.978	ng/ul	98
23) Isophorone	9.334	82	681441	34.894	ng/ul	98
25) 2-Nitrophenol	9.510	139	184581	42.491	ng/ul	99
26) 2,4-Dimethylphenol	9.581	107	341093	34.707	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	436898	35.534	ng/ul	99
29) 2,4-Dichlorophenol	10.040	162	346395	46.302	ng/ul	98
30) Naphthalene	10.434	128	1410953	48.002	ng/ul	100
32) 4-Chloroaniline	10.563	127	480010	42.794	ng/ul	99
33) Hexachlorobutadiene	10.716	225	248798	53.241	ng/ul	99
34) Caprolactam	11.369	113	75996m	34.296	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	376135	44.458	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.063	142	856308	46.624	ng/ul	100
37)	1-Methylnaphthalene	12.287	142	894534	48.486	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.434	216	450171	37.389	ng/ul	97
40)	Hexachlorocyclopentadiene	12.410	237	203037	26.690	ng/ul	100
41)	2,4,6-Trichlorophenol	12.687	196	229366	30.408	ng/ul	98
42)	2,4,5-Trichlorophenol	12.757	196	284664	35.167	ng/ul	97
43)	1,1'-Biphenyl	13.093	154	1309561	37.270	ng/ul	99
44)	2-Chloronaphthalene	13.128	162	1008319	38.468	ng/ul	99
45)	2-Nitroaniline	13.357	65	191410	30.358	ng/ul	94
47)	Dimethylphthalate	13.740	163	1102962	36.260	ng/ul	99
48)	2,6-Dinitrotoluene	13.863	165	189591	41.522	ng/ul	95
50)	Acenaphthylene	13.987	152	1752231	40.875	ng/ul	100
51)	3-Nitroaniline	14.193	138	195673	38.852	ng/ul	98
52)	Acenaphthene	14.334	153	1131799	40.817	ng/ul	94
53)	2,4-Dinitrophenol	14.398	184	107898	39.792	ng/ul	97
55)	4-Nitrophenol	14.510	109	184616	39.897	ng/ul	97
56)	Dibenzofuran	14.669	168	1657759	43.688	ng/ul	97
57)	2,4-Dinitrotoluene	14.651	165	358274	49.822	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	14.904	232	236667	38.721	ng/ul	93
59)	Diethylphthalate	15.116	149	1059513	33.750	ng/ul	99
61)	Fluorene	15.328	166	1355190	44.824	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.328	204	603329	45.188	ng/ul	98
63)	4-Nitroaniline	15.369	138	226351m	53.715	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.416	198	185087	44.693	ng/ul	98
67)	N-Nitrosodiphenylamine	15.545	169	947867	37.599	ng/ul#	89
68)	4-Bromophenyl-phenylether	16.228	248	304857	39.182	ng/ul	98
69)	Hexachlorobenzene	16.328	284	398331	43.827	ng/ul	98
70)	Atrazine	16.522	200	132079	17.514	ng/ul	98
71)	Pentachlorophenol	16.687	266	204199	38.360	ng/ul	100
72)	Phenanthrene	17.081	178	2149972	45.530	ng/ul	100
74)	Anthracene	17.169	178	2168522	46.176	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.051	216	407399	30.866	ng/uL	100
76)	Pentachlorobenzene	14.587	250	471150	41.874	ng/uL	99
77)	Carbazole	17.451	167	1869863	44.394	ng/ul	100
78)	Di-n-butylphthalate	18.028	149	1460176	27.947	ng/ul#	96
80)	Fluoranthene	19.069	202	2243014	36.687	ng/ul	99
82)	Pyrene	19.428	202	2515721	39.432	ng/ul	99
83)	Butylbenzylphthalate	20.322	149	408616	16.773	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.092	252	337360	20.862	ng/ul	99
85)	Benzo(a)anthracene	21.145	228	2309881	37.379	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.092	149	735312	17.665	ng/ul	100
87)	Chrysene	21.198	228	2285096	37.569	ng/ul	99
89)	Di-n-octyl phthalate	21.986	149	1284615	22.003	ng/ul	100
90)	Benzo(b)fluoranthene	22.769	252	2234644	40.963	ng/ul	98
91)	Benzo(k)fluoranthene	22.816	252	2217620	43.329	ng/ul	98
93)	Benzo(a)pyrene	23.374	252	2205011	41.523	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.857	276	2435078	38.423	ng/ul	97
95)	Dibenzo(a,h)anthracene	25.874	278	2122351	39.491	ng/ul	100
96)	Benzo(g,h,i)perylene	26.586	276	2044300	37.643	ng/ul	96

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

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