Quantitation Report (Qedit)

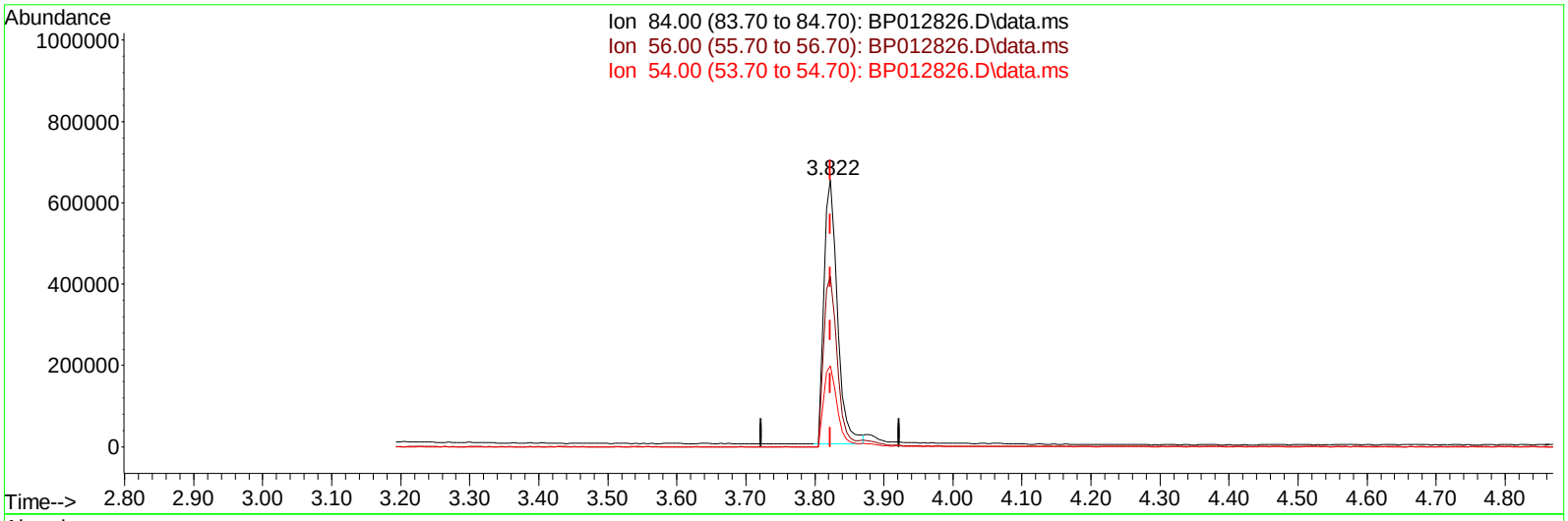
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012826.D
Acq On : 28 Nov 2022 20:30
Operator : CG/JU
Sample : PB149261BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

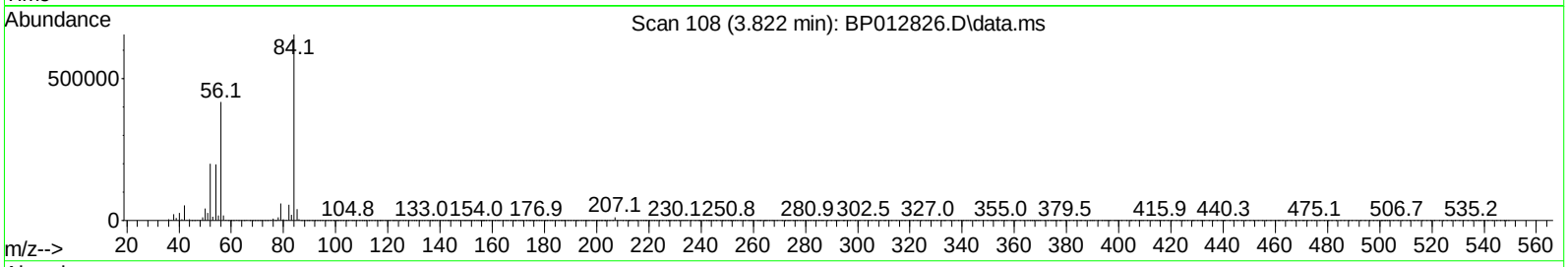
Quant Time: Nov 28 22:44:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

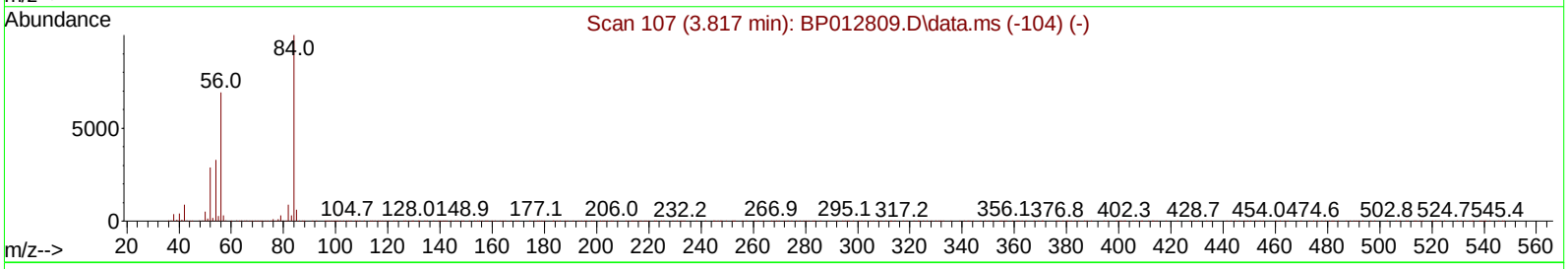
Instrument :
BNA_P
ClientSampleId :
SLCS261

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BP012826.D\data.ms

(4) Pyridine-d5 (S)

3.822min (-0.000) 21.18 ng/ul

response 882683

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.40	63.71
54.00	31.30	30.26
0.00	0.00	0.00

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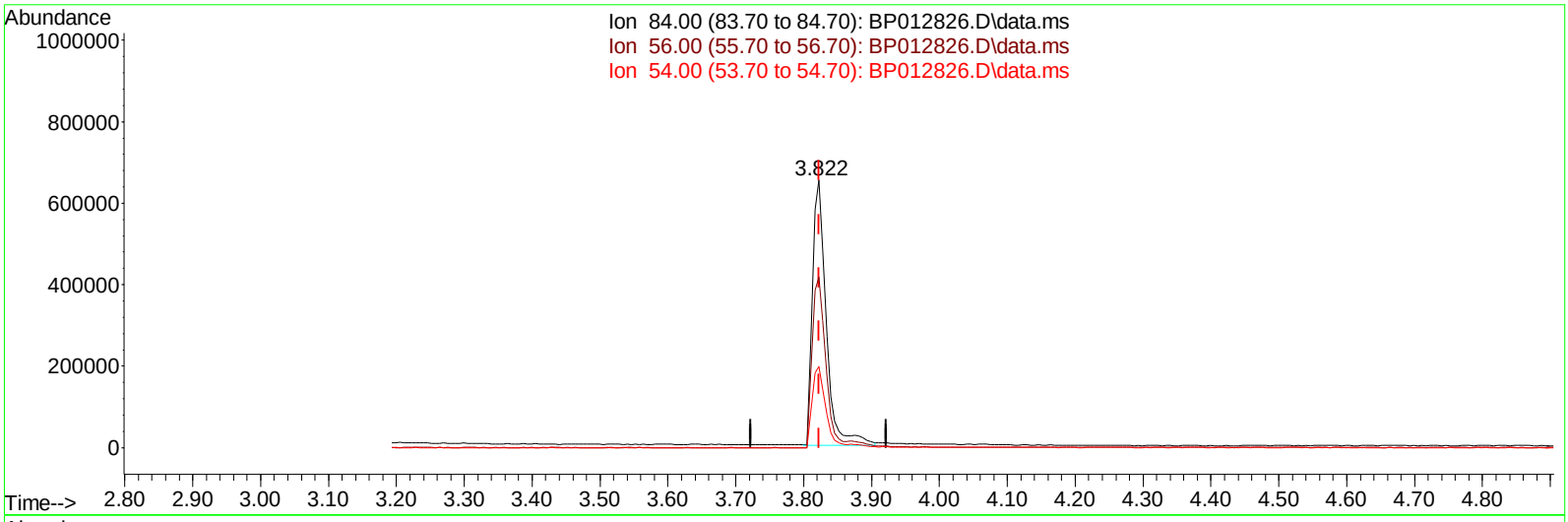

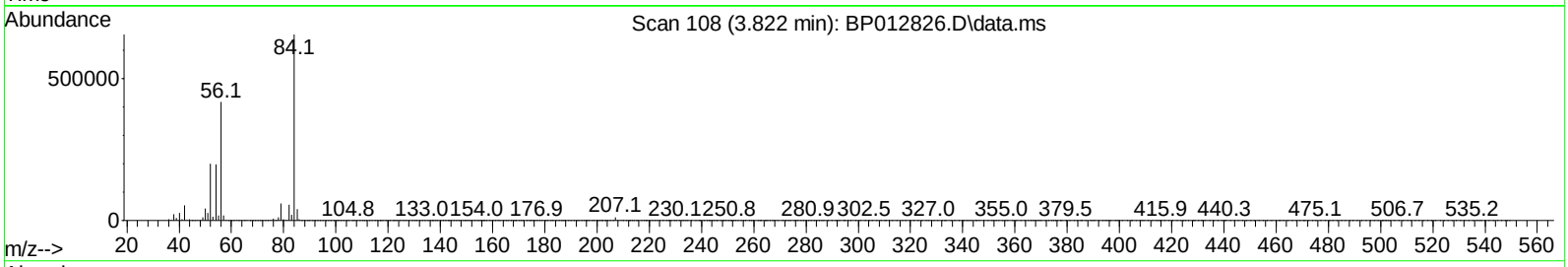

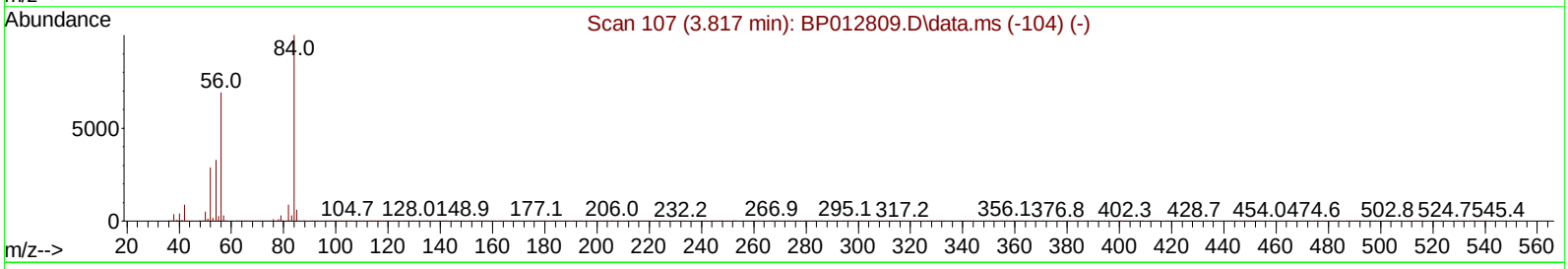

TIC: BP012826.D\data.ms

(4) Pyridine-d5 (S)

3.822min (-0.000) 22.07 ng/ul m

response 919766

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.40	63.71
54.00	31.30	30.26
0.00	0.00	0.00

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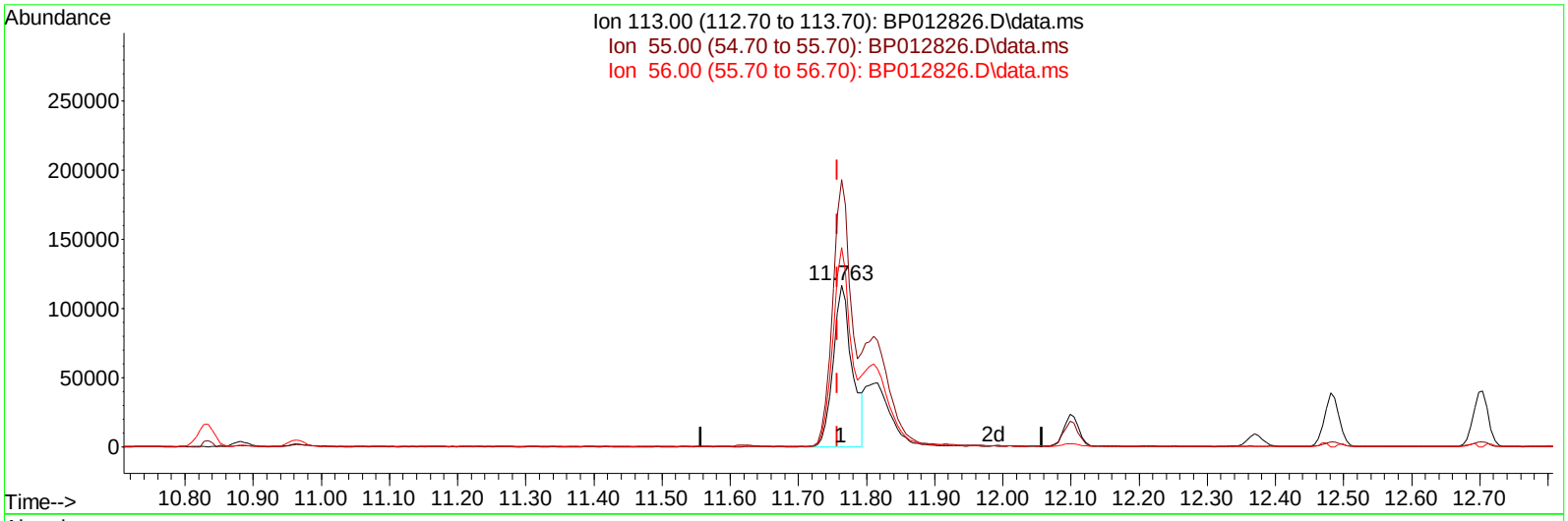

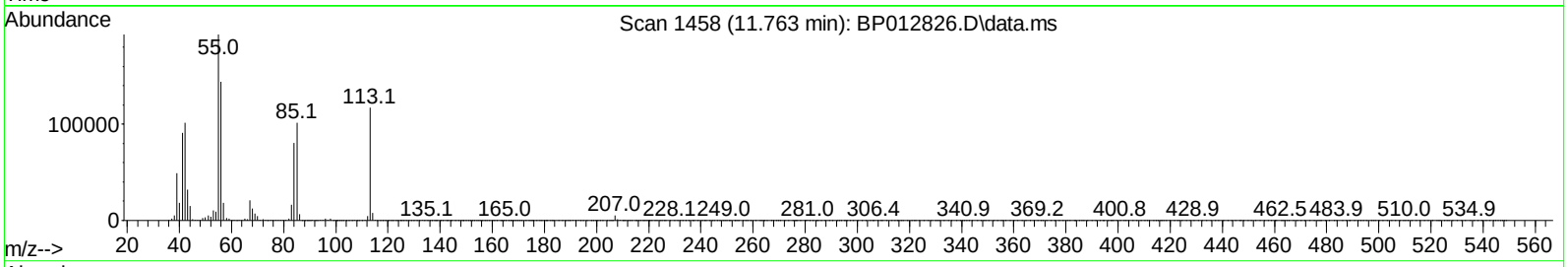

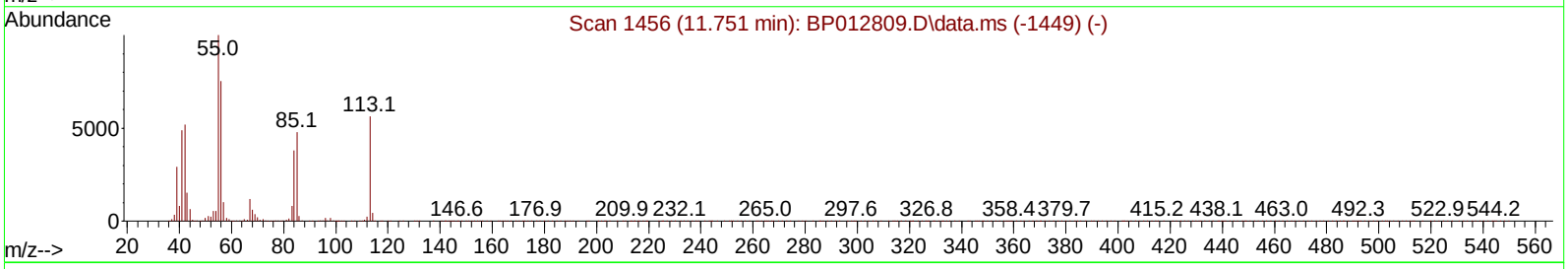

TIC: BP012826.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 17.33 ng/ul

response 225770

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	165.13
56.00	133.90	123.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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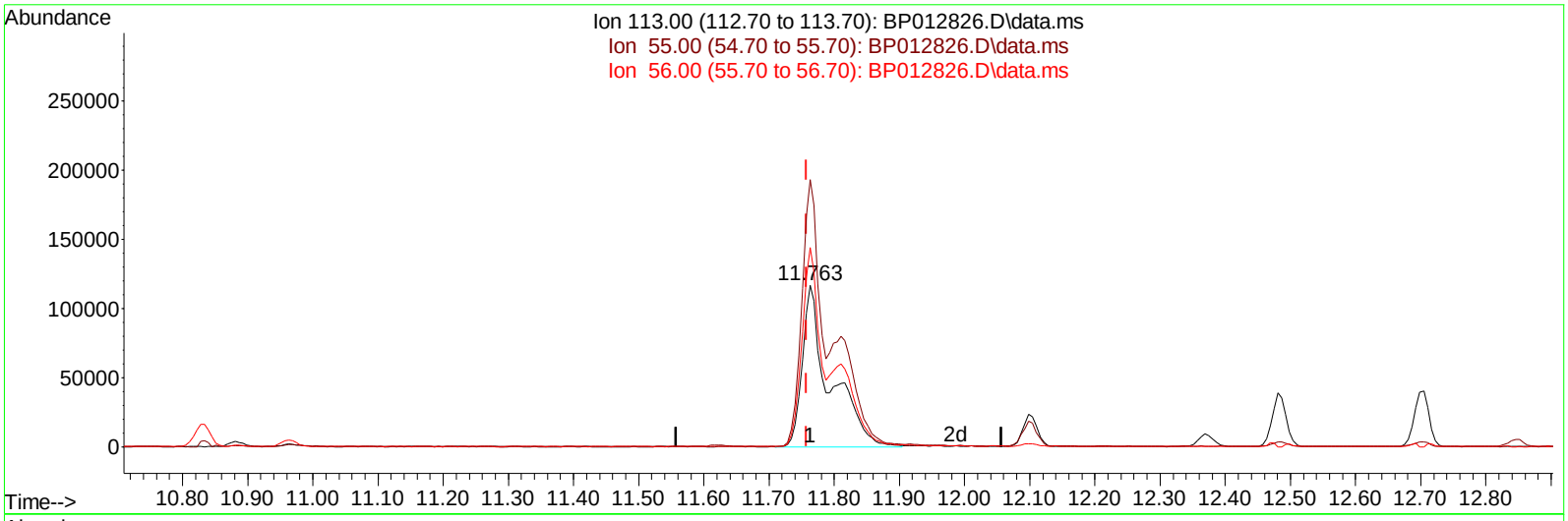

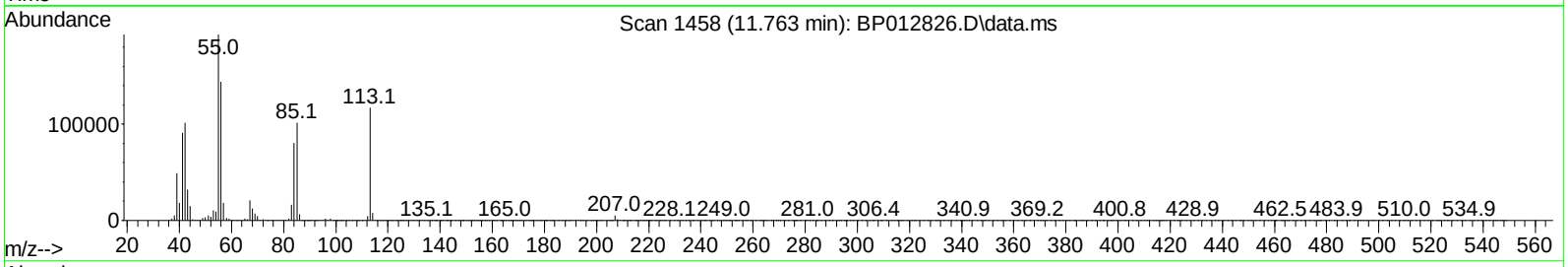

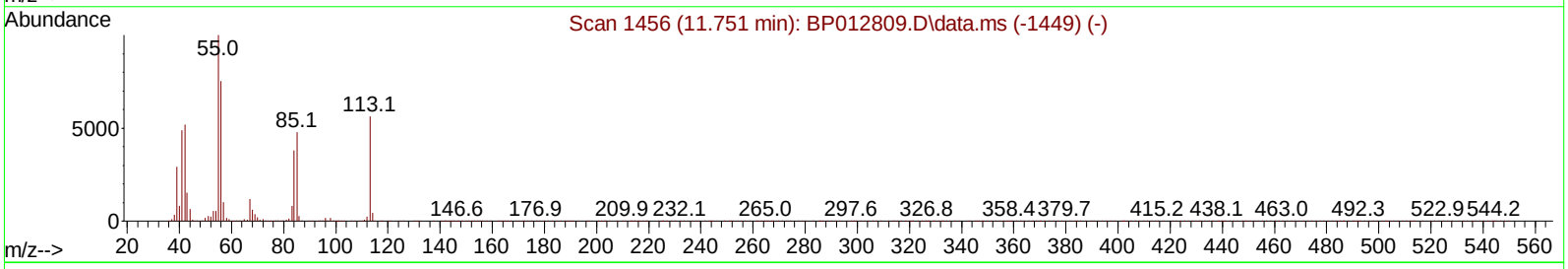

TIC: BP012826.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 26.50 ng/ul m

response 345258

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	165.13
56.00	133.90	123.22
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	596681	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	2701268	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1721152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	3245413	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1944989	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	1783313	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	76397	5.487	ng/uL	0.00
4) Pyridine-d5	3.822	84	919766m	22.072	ng/ul	0.00
7) Phenol-d5	7.163	99	1424849	29.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	851578	28.186	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1106029	29.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1153280	29.194	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	537677	32.521	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	599372	34.142	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1206471	29.454	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	907491	16.179	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3380244	28.532	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	3993217	28.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	555643	26.307	ng/ul	0.00
60) Fluorene-d10	15.645	176	2954124	28.473	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	490814	31.642	ng/ul	0.00
73) Anthracene-d10	17.504	188	4153216	29.072	ng/ul	0.00
81) Pyrene-d10	19.733	212	3883541	34.363	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2574040	29.386	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	153406	10.258	ng/uL	97
5) Pyridine	3.840	79	988985	24.256	ng/ul	100
6) Benzaldehyde	7.146	77	743459	31.055	ng/ul	99
8) Phenol	7.193	94	1466370	28.522	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.434	93	1178820	27.984	ng/ul	99
12) 2-Chlorophenol	7.575	128	1170877	28.811	ng/ul	98
13) 2-Methylphenol	8.452	108	1126899	28.202	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1649078	27.141	ng/ul	99
16) Acetophenone	8.846	105	1788974	28.572	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	880910	28.560	ng/ul	98
18) 4-Methylphenol	8.787	108	1262245	28.683	ng/ul	97
19) Hexachloroethane	9.105	117	446324	28.638	ng/ul	95
22) Nitrobenzene	9.222	77	1278638	29.487	ng/ul	100
23) Isophorone	9.752	82	2583757	27.028	ng/ul	99
25) 2-Nitrophenol	9.940	139	680182	32.279	ng/ul	95
26) 2,4-Dimethylphenol	9.993	107	1291575	27.583	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1631916	27.844	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	1215575	28.647	ng/ul	100
30) Naphthalene	10.881	128	3892897	27.522	ng/ul	100
32) 4-Chloroaniline	10.987	127	1343945	23.330	ng/ul	99
33) Hexachlorobutadiene	11.169	225	795454	28.144	ng/ul	99
34) Caprolactam	11.763	113	345258m	26.497	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1236162	28.768	ng/ul	99

Quantitation Report (QT Reviewed)

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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.481	142	2711717	27.840	ng/ul	99
37) 1-Methylnaphthalene	12.704	142	2709372	27.754	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.846	216	1571715	28.637	ng/ul	100
40) Hexachlorocyclopentadiene	12.828	237	763893	28.885	ng/ul	100
41) 2,4,6-Trichlorophenol	13.081	196	989627	28.817	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	1091732	29.573	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	3591806	28.647	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2839372	28.307	ng/ul	100
45) 2-Nitroaniline	13.728	65	681270	34.714	ng/ul	98
47) Dimethylphthalate	14.104	163	3504588	28.221	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	658888	33.902	ng/ul	99
50) Acenaphthylene	14.375	152	4290575	28.386	ng/ul	100
51) 3-Nitroaniline	14.551	138	640866	28.473	ng/ul	97
52) Acenaphthene	14.716	153	2978624	27.991	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	345547	27.669	ng/ul	99
55) 4-Nitrophenol	14.851	109	392368	25.569	ng/ul	96
56) Dibenzofuran	15.051	168	4130180	28.158	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	918007	32.009	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.269	232	874632	27.488	ng/ul	100
59) Diethylphthalate	15.469	149	3271440	27.214	ng/ul	99
61) Fluorene	15.698	166	3256541	27.685	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	1717318	28.139	ng/ul	99
63) 4-Nitroaniline	15.716	138	605117	31.543	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	522709	31.394	ng/ul	96
67) N-Nitrosodiphenylamine	15.904	169	2791875	30.269	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	1038914	32.525	ng/ul	98
69) Hexachlorobenzene	16.704	284	1213841	29.816	ng/ul	99
70) Atrazine	16.857	200	272503	8.611	ng/ul	100
71) Pentachlorophenol	17.045	266	643030	25.720	ng/ul	100
72) Phenanthrene	17.451	178	4936672	28.541	ng/ul	100
74) Anthracene	17.539	178	4891712	28.586	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1558315	31.059	ng/uL	100
76) Pentachlorobenzene	14.969	250	1484029	28.454	ng/uL	99
77) Carbazole	17.804	167	4052675	27.996	ng/ul	100
78) Di-n-butylphthalate	18.351	149	4611283	26.909	ng/ul	99
80) Fluoranthene	19.404	202	4835531	34.399	ng/ul	100
82) Pyrene	19.763	202	4879522	33.561	ng/ul	97
83) Butylbenzylphthalate	20.627	149	1213285	35.661	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	906616	25.383	ng/ul	98
85) Benzo(a)anthracene	21.474	228	3597164	26.740	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1515476	29.126	ng/ul	98
87) Chrysene	21.527	228	3389821	26.061	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	2125328	20.870	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3267633	24.744	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	3307762	25.094	ng/ul	99
93) Benzo(a)pyrene	23.892	252	2968703	27.339	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	3987965	38.065	ng/ul	100
95) Dibenzo(a,h)anthracene	26.662	278	3520701	37.035	ng/ul	98
96) Benzo(g,h,i)perylene	27.451	276	3553992	39.439	ng/ul	98

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

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