Quantitation Report (Qedit)

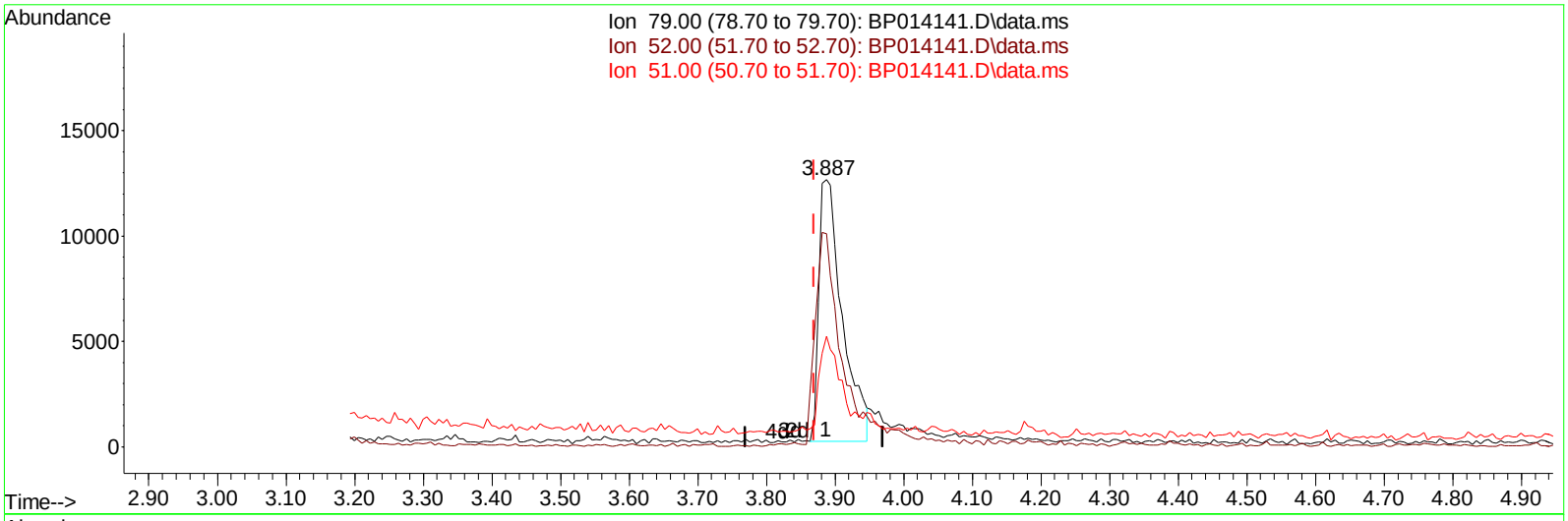
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014141.D
Acq On : 20 Mar 2023 15:35
Operator : CG/JU
Sample : 01927-13MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

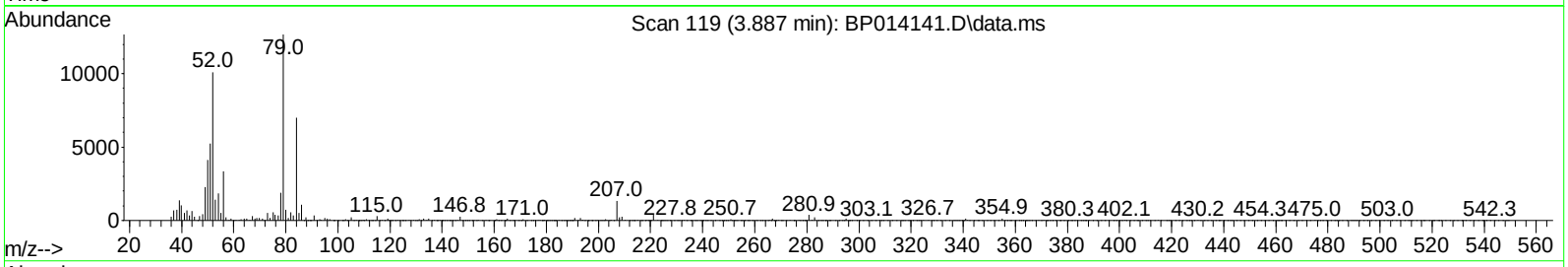
Quant Time: Mar 21 00:46:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 13:12:59 2023
Response via : Initial Calibration

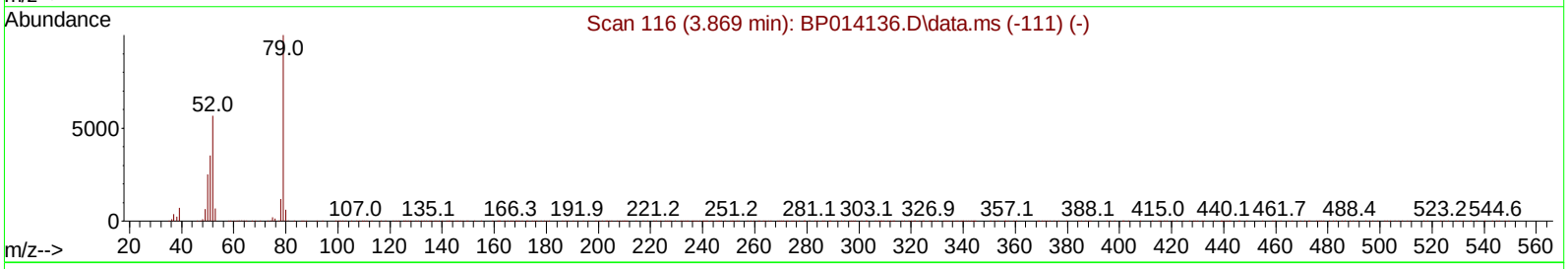
Instrument :
BNA_P
ClientSampleId :
DCAQ8MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023







TIC: BP014141.D\data.ms

(5) Pyridine

3.887min (+ 0.018) 2.54 ng/ul

response 29432

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	68.90	79.77
51.00	36.10	41.49
0.00	0.00	0.00

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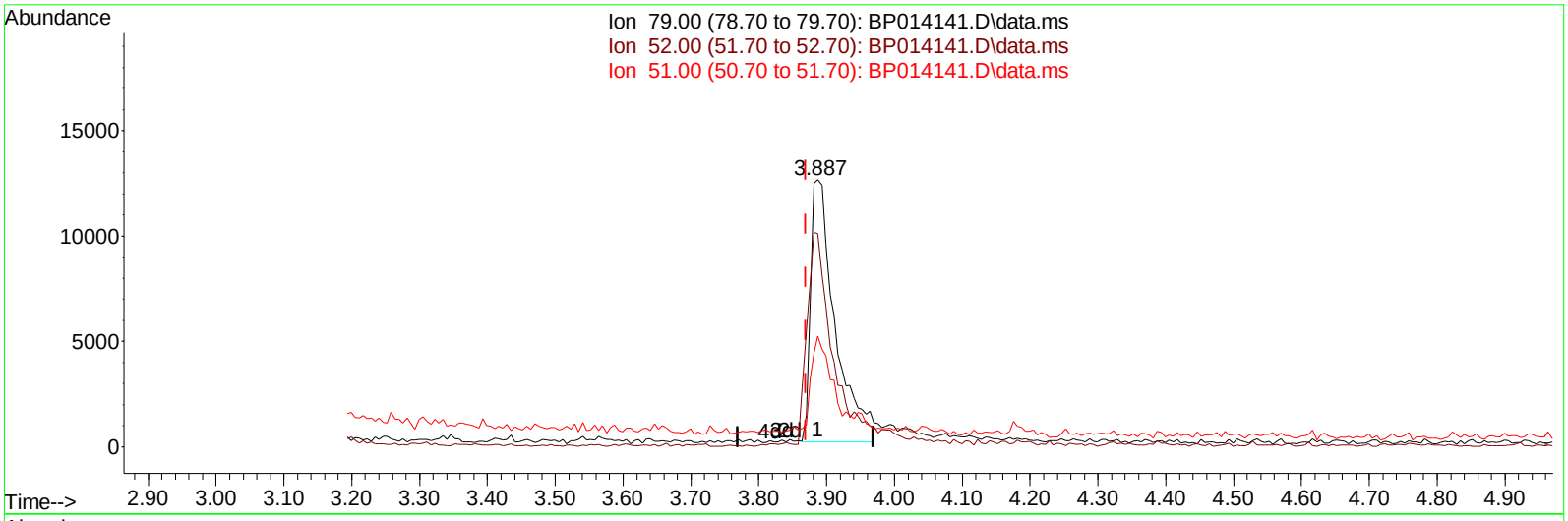

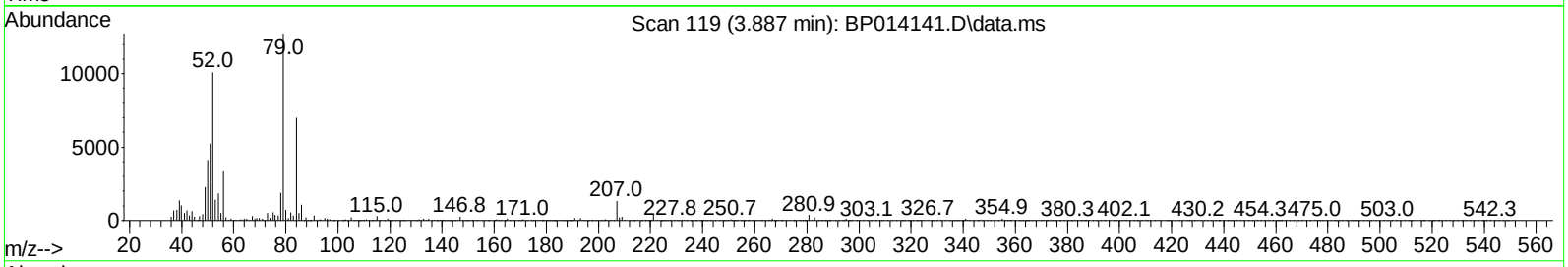

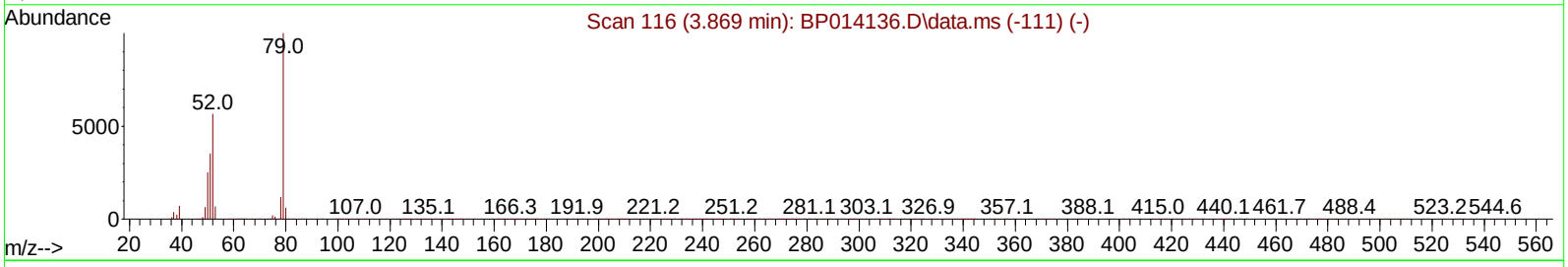

TIC: BP014141.D\data.ms

(5) Pyridine

3.887min (+ 0.018) 2.72 ng/ul m

response 31461

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	68.90	79.77
51.00	36.10	41.49
0.00	0.00	0.00

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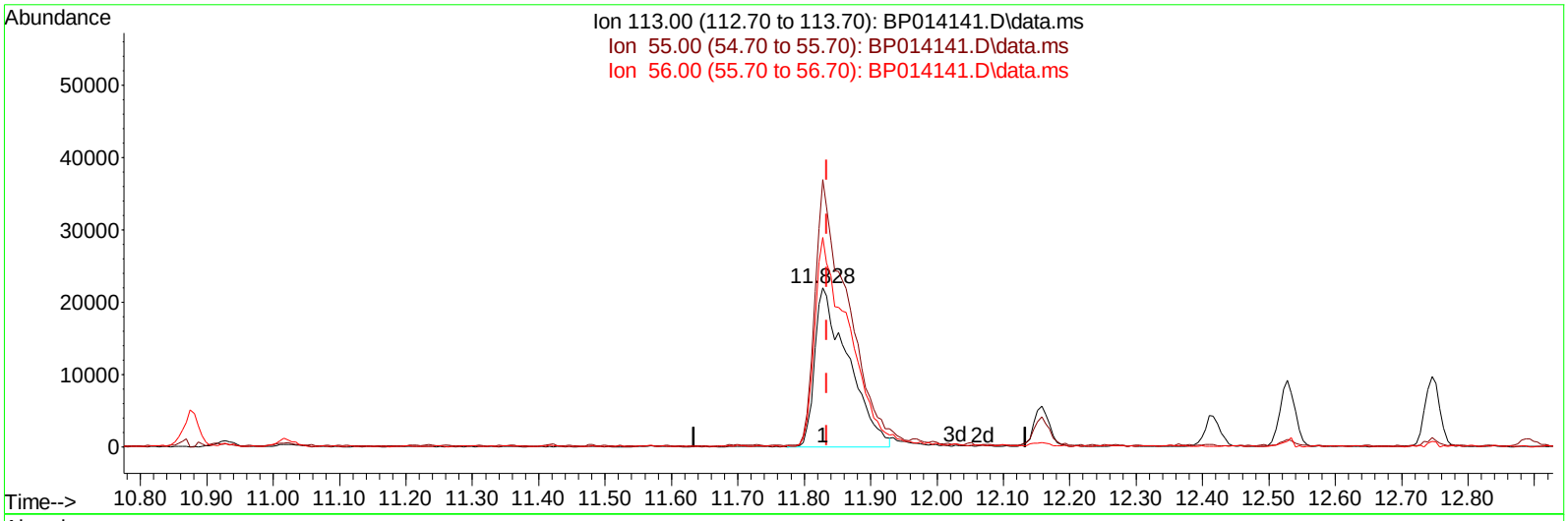

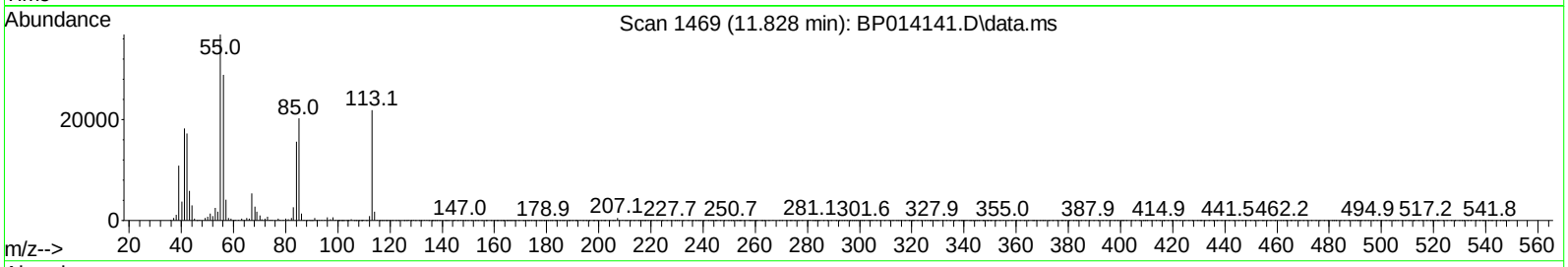

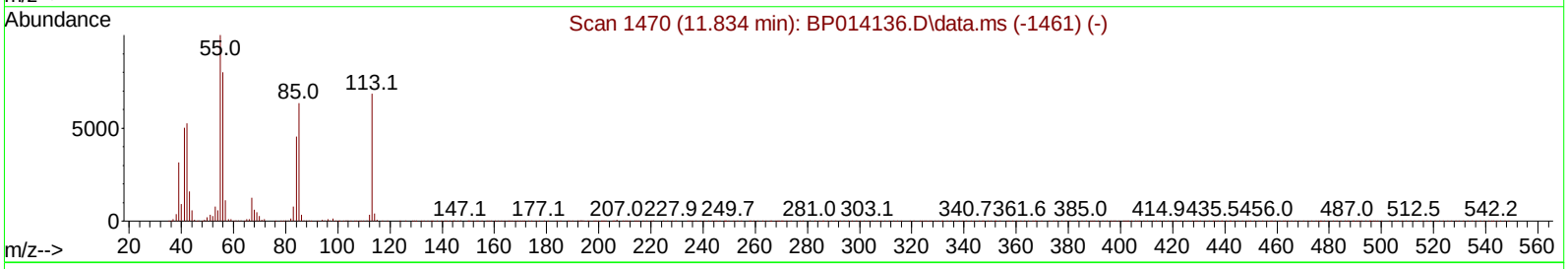

TIC: BP014141.D\data.ms

(34) Caprolactam

11.828min (-0.006) 20.60 ng/ul

response 76797

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	168.23
56.00	127.50	131.84
0.00	0.00	0.00

Quantitation Report (Qedit)

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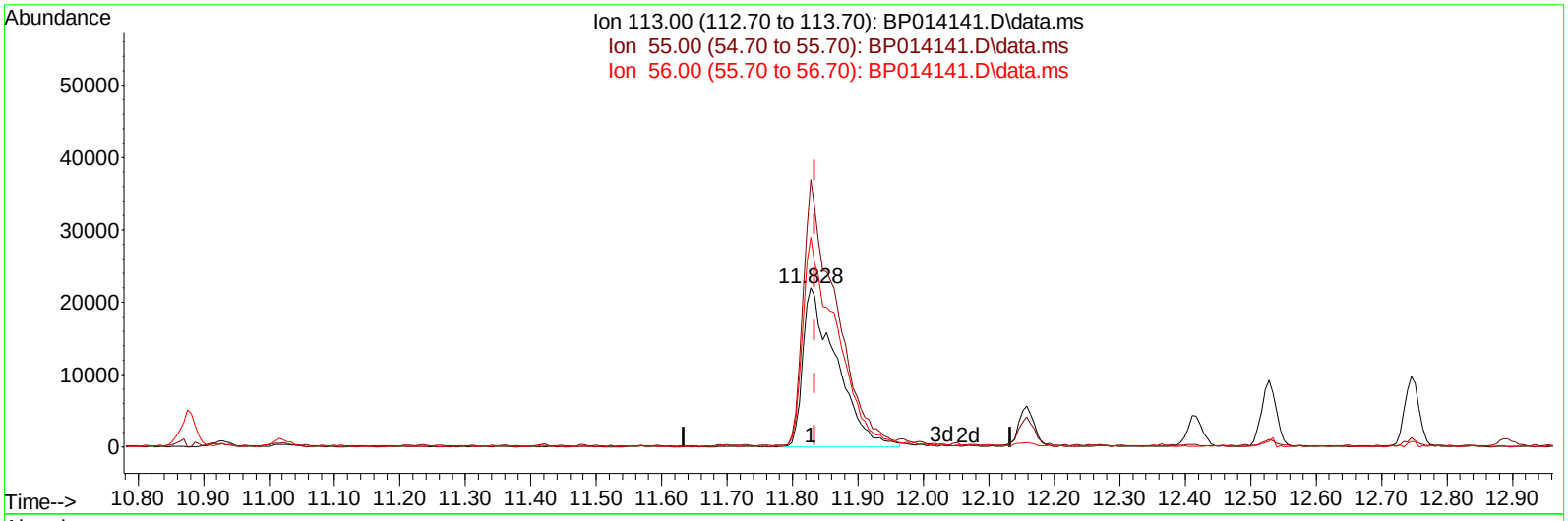

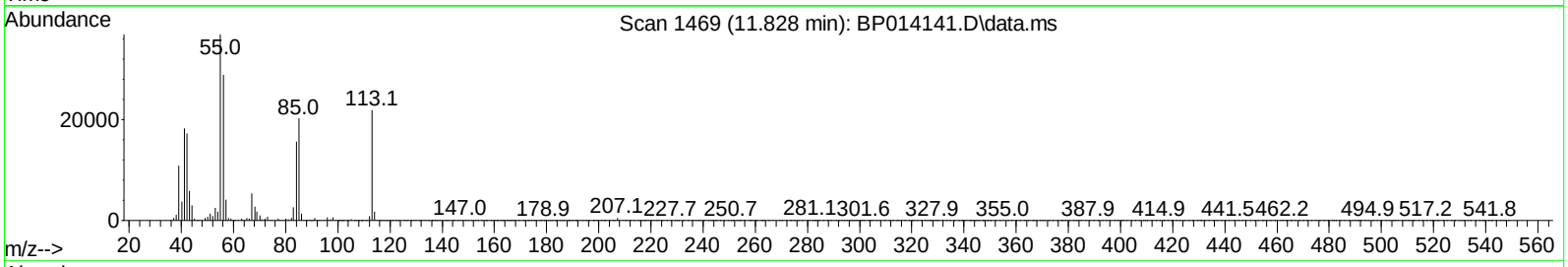

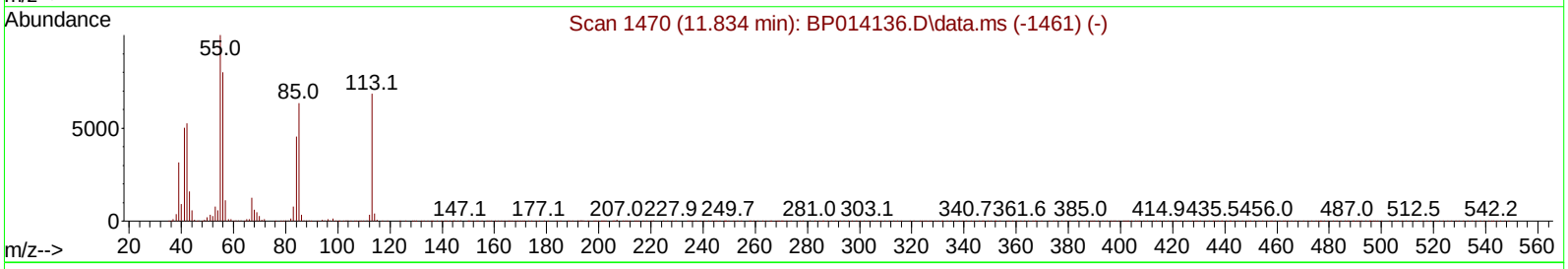

TIC: BP014141.D\data.ms

(34) Caprolactam

11.828min (-0.006) 21.05 ng/ul m

response 78459

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	168.23
56.00	127.50	131.84
0.00	0.00	0.00

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	155911	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	647514	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	457023	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1050173	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1041675	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	955375	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	12595	3.052	ng/uL	0.00
4) Pyridine-d5	3.870	84	20219	1.770	ng/ul	0.02
7) Phenol-d5	7.211	99	251692	18.293	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	154864	19.300	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	193018	18.413	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	196401	17.475	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	100210	19.396	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	117392	18.982	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	219948	18.901	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	156219	10.144	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	746019	19.234	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	794672	19.341	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	124812	18.260	ng/ul	0.00
60) Fluorene-d10	15.687	176	635470	19.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	149281	18.808	ng/ul	0.00
73) Anthracene-d10	17.551	188	1022452	20.056	ng/ul	0.00
81) Pyrene-d10	19.775	212	1301663	22.657	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1057008	20.800	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	29249	6.566	ng/uL	97
5) Pyridine	3.887	79	31461m	2.715	ng/ul	
6) Benzaldehyde	7.193	77	161097	23.532	ng/ul	99
8) Phenol	7.240	94	290497	20.474	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.469	93	224652	20.666	ng/ul	98
12) 2-Chlorophenol	7.617	128	218247	20.665	ng/ul	97
13) 2-Methylphenol	8.499	108	206009	19.526	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.587	45	267188	22.760	ng/ul	99
16) Acetophenone	8.887	105	411376	22.658	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	197670	21.282	ng/ul	98
18) 4-Methylphenol	8.828	108	231500	19.948	ng/ul	100
19) Hexachloroethane	9.140	117	95693	20.688	ng/ul	98
22) Nitrobenzene	9.269	77	293414	21.230	ng/ul	98
23) Isophorone	9.799	82	568509	21.361	ng/ul	97
25) 2-Nitrophenol	9.987	139	133088	20.880	ng/ul	95
26) 2,4-Dimethylphenol	10.040	107	171110	12.264	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.281	93	326936	21.237	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	233287	20.323	ng/ul	98
30) Naphthalene	10.928	128	741535	20.855	ng/ul	99
32) 4-Chloroaniline	11.040	127	216797	13.990	ng/ul	99
33) Hexachlorobutadiene	11.205	225	176450	19.317	ng/ul	94
34) Caprolactam	11.828	113	78459m	21.051	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	278073	20.949	ng/ul	99

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.528	142	514857	20.644	ng/ul	99
37)	1-Methylnaphthalene	12.746	142	529132	21.109	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.893	216	326321	19.745	ng/ul	99
40)	Hexachlorocyclopentadiene	12.869	237	130466	11.024	ng/ul	96
41)	2,4,6-Trichlorophenol	13.134	196	214305	20.642	ng/ul	98
42)	2,4,5-Trichlorophenol	13.210	196	237353	20.832	ng/ul	98
43)	1,1'-Biphenyl	13.528	154	732795	20.826	ng/ul	99
44)	2-Chloronaphthalene	13.575	162	585612	20.956	ng/ul	100
45)	2-Nitroaniline	13.781	65	190564	23.056	ng/ul	94
47)	Dimethylphthalate	14.146	163	803846	20.938	ng/ul	100
48)	2,6-Dinitrotoluene	14.275	165	162476	21.406	ng/ul	99
50)	Acenaphthylene	14.422	152	902538	20.931	ng/ul	99
51)	3-Nitroaniline	14.604	138	142683	21.231	ng/ul	94
52)	Acenaphthene	14.757	153	637769	21.157	ng/ul	98
53)	2,4-Dinitrophenol	14.816	184	103660	18.288	ng/ul	98
55)	4-Nitrophenol	14.916	109	139482	18.892	ng/ul	94
56)	Dibenzofuran	15.093	168	905332	20.644	ng/ul	98
57)	2,4-Dinitrotoluene	15.063	165	250895	22.124	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.322	232	227001	20.825	ng/ul	99
59)	Diethylphthalate	15.504	149	848985	21.803	ng/ul	99
61)	Fluorene	15.746	166	768104	21.130	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.734	204	415474	20.708	ng/ul	98
63)	4-Nitroaniline	15.769	138	165527	23.962	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.828	198	162898	21.512	ng/ul	98
67)	N-Nitrosodiphenylamine	15.951	169	659637	22.240	ng/ul	99
68)	4-Bromophenyl-phenylether	16.634	248	274539	21.625	ng/ul	96
69)	Hexachlorobenzene	16.751	284	326033	21.793	ng/ul	97
70)	Atrazine	16.904	200	237912	18.598	ng/ul	99
71)	Pentachlorophenol	17.098	266	182509	18.663	ng/ul	97
72)	Phenanthrene	17.492	178	1269686	22.167	ng/ul	100
74)	Anthracene	17.587	178	1264426	21.771	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.499	216	336081	20.853	ng/uL	96
76)	Pentachlorobenzene	15.010	250	352901	21.079	ng/uL	100
77)	Carbazole	17.857	167	1171892	22.876	ng/ul	99
78)	Di-n-butylphthalate	18.387	149	1573600	24.579	ng/ul	99
80)	Fluoranthene	19.451	202	1635795	24.980	ng/ul	99
82)	Pyrene	19.804	202	1693688	24.793	ng/ul	98
83)	Butylbenzylphthalate	20.657	149	739406	26.844	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.439	252	395938	14.848	ng/ul	97
85)	Benzo(a)anthracene	21.516	228	1664939	22.724	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.410	149	1101079	26.738	ng/ul	100
87)	Chrysene	21.575	228	1580977	22.642	ng/ul	99
89)	Di-n-octyl phthalate	22.375	149	1850638	30.699	ng/ul	100
90)	Benzo(b)fluoranthene	23.280	252	1500346	23.568	ng/ul	99
91)	Benzo(k)fluoranthene	23.333	252	1483632	24.440	ng/ul	100
93)	Benzo(a)pyrene	23.945	252	1230000	22.213	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.716	276	1428453	19.488	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.727	278	1193187	19.585	ng/ul	99
96)	Benzo(g,h,i)perylene	27.533	276	1105391	18.867	ng/ul	97

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

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