Quantitation Report (Qedit)

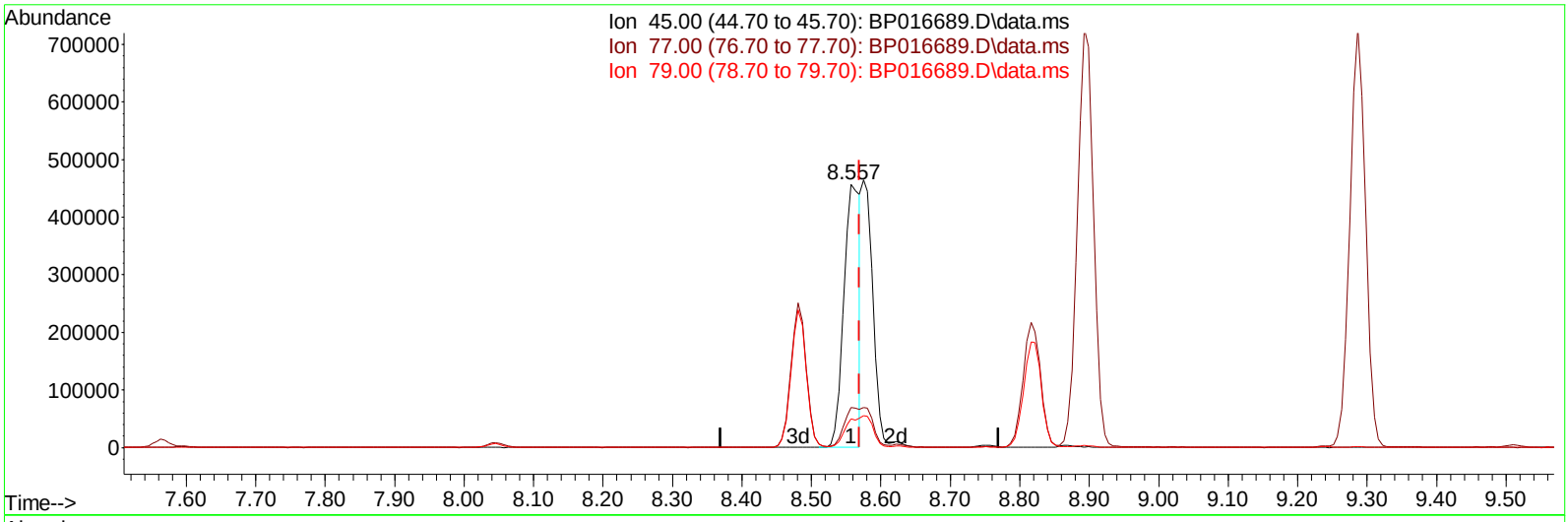
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016689.D
Acq On : 21 Aug 2023 23:38
Operator : MA/JU
Sample : PB154871BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

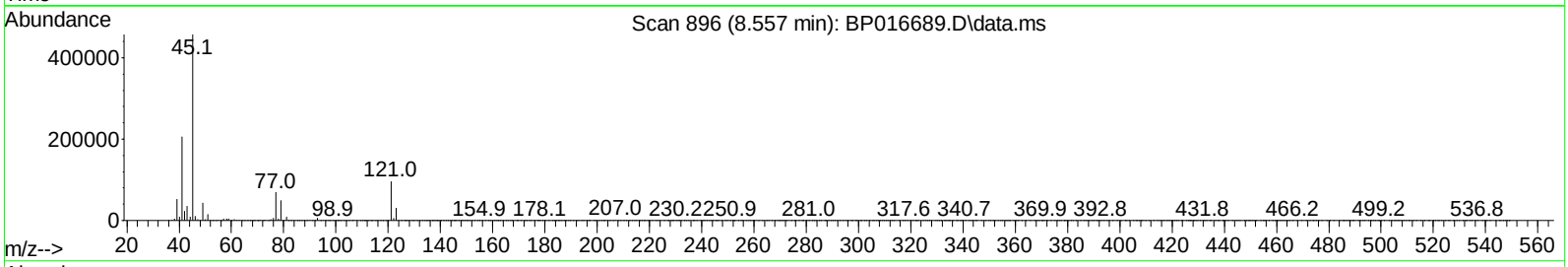
Quant Time: Aug 22 00:35:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

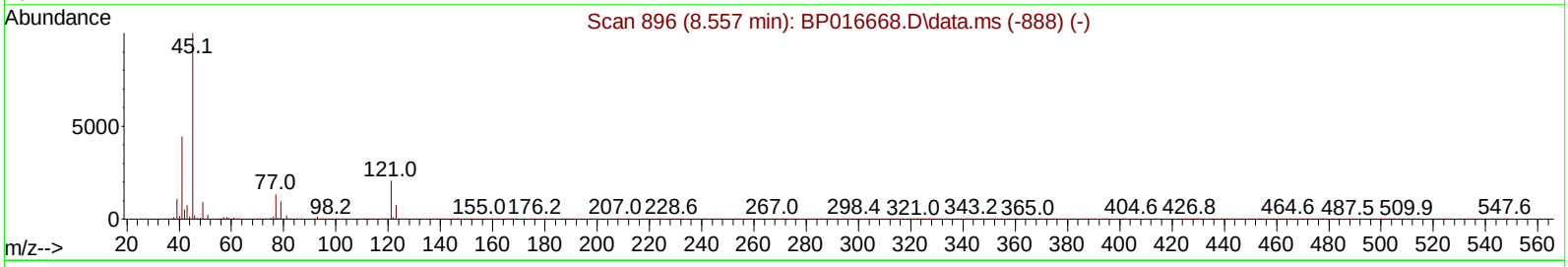
Instrument :
BNA_P
ClientSampleId :
SLCS871

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023







TIC: BP016689.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.557min (-0.012) 20.34 ng/ul

response 735563

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.22
79.00	10.30	10.87
0.00	0.00	0.00

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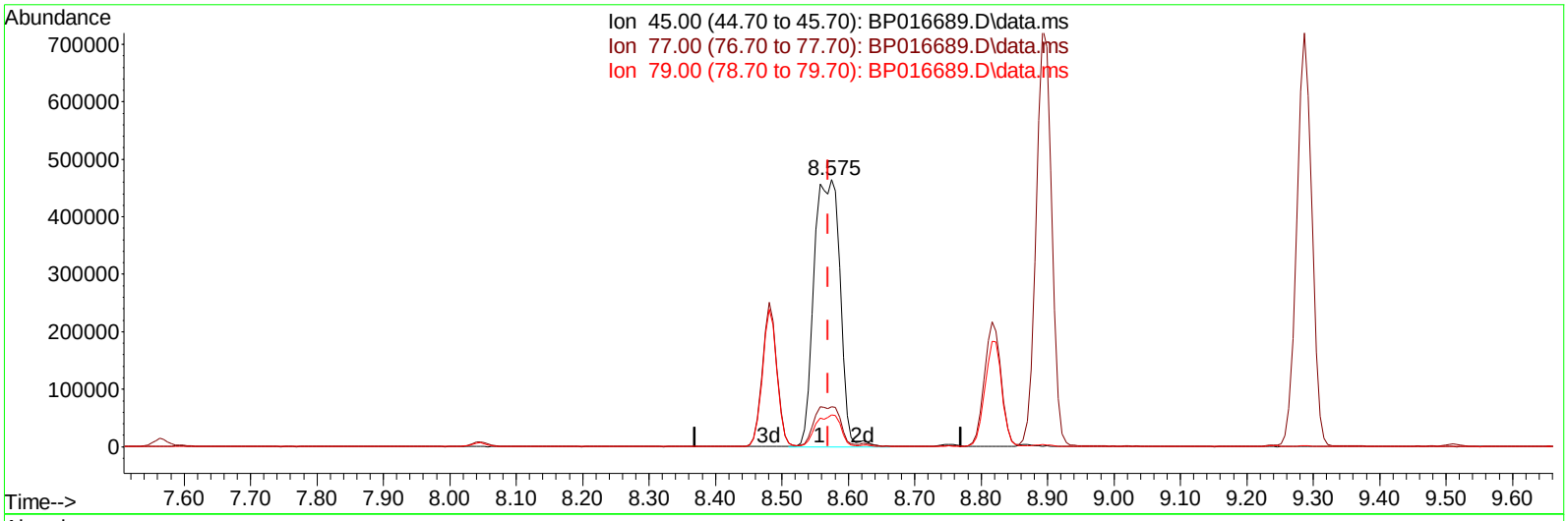

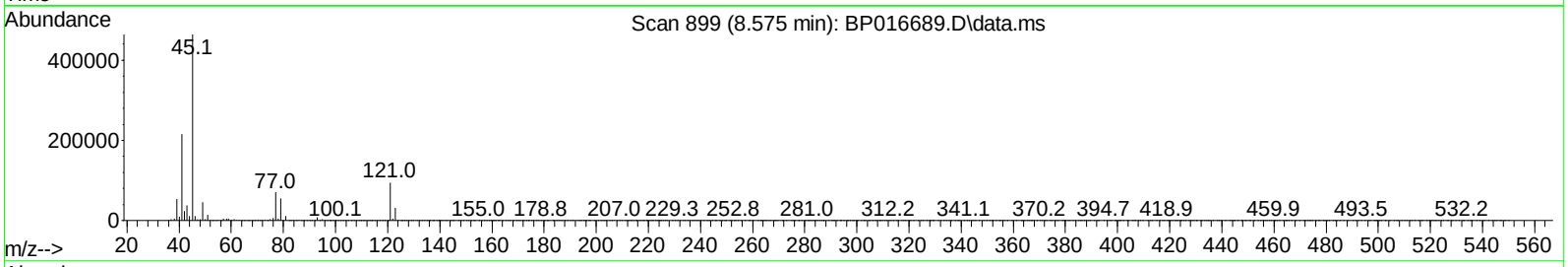

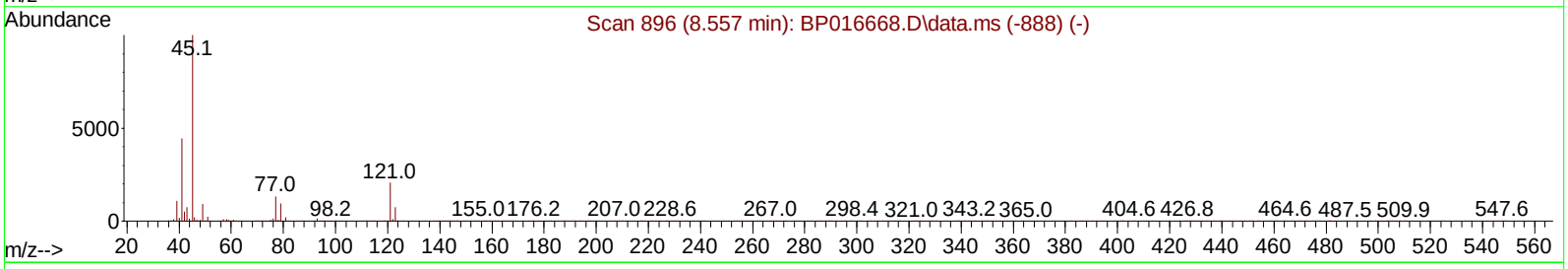

TIC: BP016689.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.575min (+ 0.006) 34.91 ng/ul m

response 1262870

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.10
79.00	10.30	11.93
0.00	0.00	0.00

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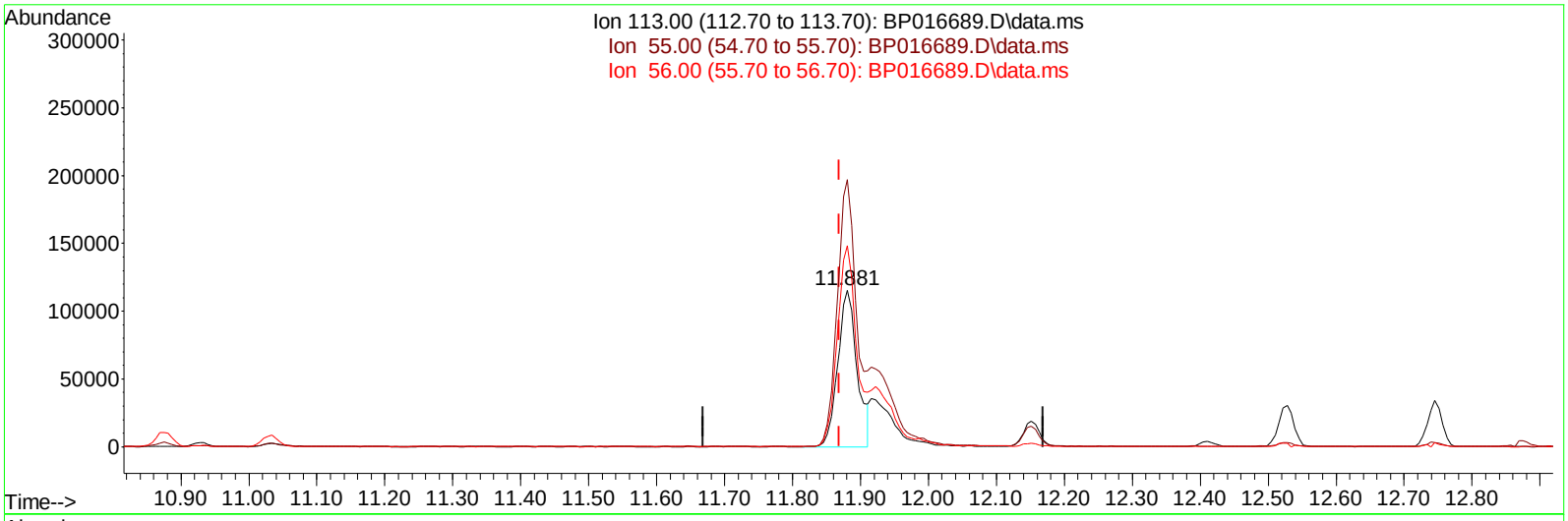

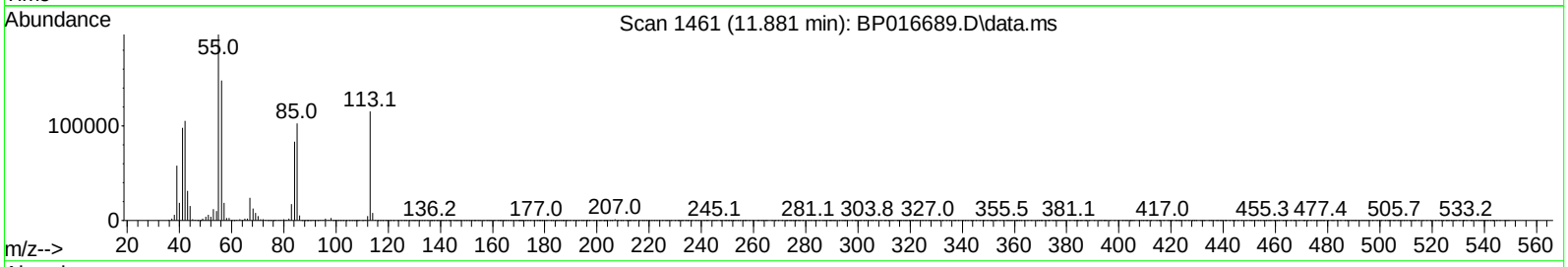

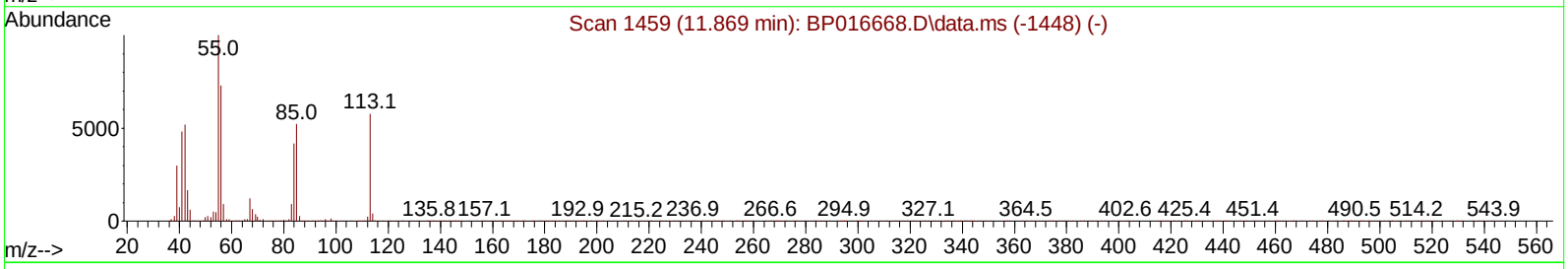

TIC: BP016689.D\data.ms

(34) Caprolactam

11.881min (+ 0.012) 29.18 ng/ul

response 228646

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	170.44
56.00	126.90	128.51
0.00	0.00	0.00

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Acq On : 21 Aug 2023 23:38
Operator : MA/JU
Sample : PB154871BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 22 00:57:56 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS871

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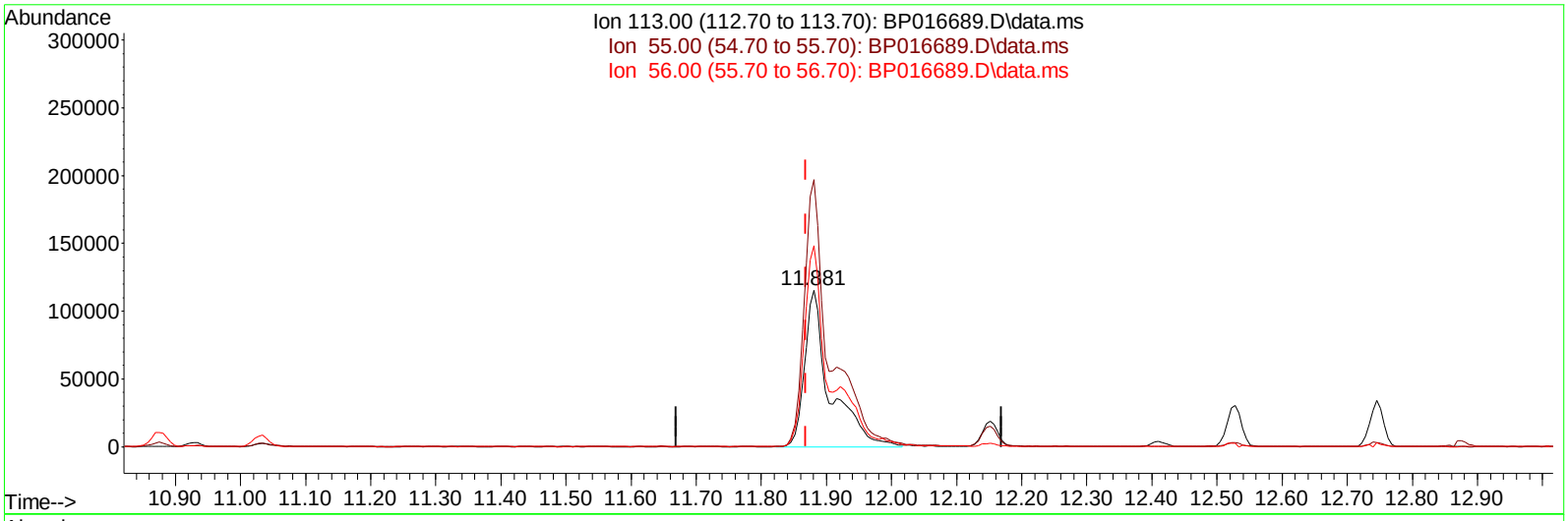

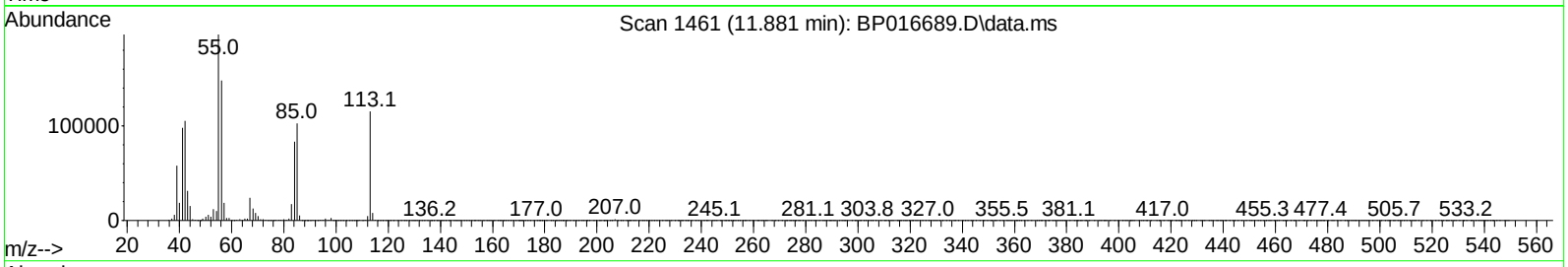

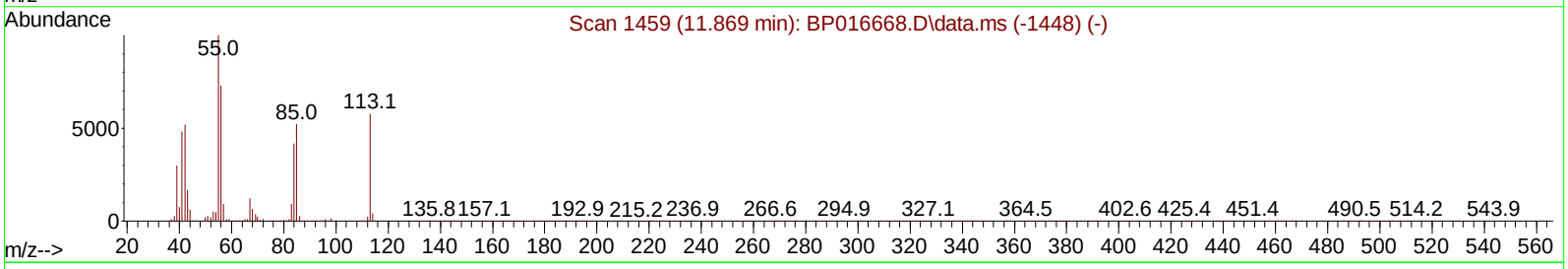

TIC: BP016689.D\data.ms

(34) Caprolactam

11.881min (+ 0.012) 40.18 ng/ul m

response 314790

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	170.44
56.00	126.90	128.51
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	326056	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1488305	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.698	164	911992	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	2006147	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1849228	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1867060	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	70693	8.239	ng/uL	0.00
4) Pyridine-d5	3.822	84	872694	33.428	ng/ul	0.00
7) Phenol-d5	7.187	99	1102501	36.677	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	675634	34.125	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	763141	35.346	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	852888	35.683	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	392979	37.526	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	420436	42.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	773219	39.503	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.034	131	1129831	33.642	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	2352337	35.661	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	2708021	36.372	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	498015	37.061	ng/ul	0.00
60) Fluorene-d10	15.692	176	1999212	35.551	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	378905	39.701	ng/ul	0.00
73) Anthracene-d10	17.563	188	3130350	36.074	ng/ul	0.00
81) Pyrene-d10	19.792	212	3711185	38.301	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	3411523	38.128	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	134091	14.212	ng/uL	99
5) Pyridine	3.846	79	876587	32.363	ng/ul	99
6) Benzaldehyde	7.199	77	698163	42.133	ng/ul	98
8) Phenol	7.216	94	1197291	37.266	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.475	93	929441	35.813	ng/ul	97
12) 2-Chlorophenol	7.599	128	845374	37.212	ng/ul	99
13) 2-Methylphenol	8.481	108	879593	37.691	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1262870m	34.914	ng/ul	
16) Acetophenone	8.893	105	1432214	37.106	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.869	70	802555	38.770	ng/ul	99
18) 4-Methylphenol	8.816	108	977502	38.111	ng/ul	96
19) Hexachloroethane	9.116	117	336869	35.493	ng/ul	96
22) Nitrobenzene	9.287	77	1140193	38.893	ng/ul	99
23) Isophorone	9.804	82	2227402	40.227	ng/ul	99
25) 2-Nitrophenol	9.993	139	491005	43.182	ng/ul	98
26) 2,4-Dimethylphenol	10.028	107	957538	35.721	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.287	93	1336160	37.645	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	812103	40.324	ng/ul	99
30) Naphthalene	10.928	128	2822320	36.295	ng/ul	99
32) 4-Chloroaniline	11.057	127	1170066	35.175	ng/ul	100
33) Hexachlorobutadiene	11.163	225	447456	36.858	ng/ul	99
34) Caprolactam	11.881	113	314790m	40.178	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	1029442	41.819	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	1897478	36.429	ng/ul	100
37) 1-Methylnaphthalene	12.745	142	1908239	36.384	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	913213	37.437	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	471400	31.761	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	645784	42.538	ng/ul	99
42) 2,4,5-Trichlorophenol	13.192	196	721787	43.862	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	2542158	37.501	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	1958472	37.132	ng/ul	99
45) 2-Nitroaniline	13.810	65	720703	45.192	ng/ul	95
47) Dimethylphthalate	14.157	163	2593796	38.459	ng/ul	100
48) 2,6-Dinitrotoluene	14.298	165	535277	45.821	ng/ul	100
50) Acenaphthylene	14.428	152	3160777	36.048	ng/ul	99
51) 3-Nitroaniline	14.634	138	598705	45.708	ng/ul	98
52) Acenaphthene	14.763	153	2165859	36.900	ng/ul	99
53) 2,4-Dinitrophenol	14.834	184	270467	41.589	ng/ul	94
55) 4-Nitrophenol	14.916	109	440830	40.353	ng/ul	98
56) Dibenzofuran	15.098	168	2979299	37.203	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	784834	44.864	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.310	232	593845	43.071	ng/ul	98
59) Diethylphthalate	15.510	149	2648474	38.407	ng/ul	99
61) Fluorene	15.751	166	2465071	37.540	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	1150646	37.329	ng/ul	97
63) 4-Nitroaniline	15.804	138	614792	49.046	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.828	198	423147	39.987	ng/ul#	98
67) N-Nitrosodiphenylamine	15.963	169	2119755	38.981	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	706145	39.423	ng/ul	99
69) Hexachlorobenzene	16.722	284	805025	38.464	ng/ul	97
70) Atrazine	16.916	200	705231	36.047	ng/ul	99
71) Pentachlorophenol	17.086	266	511661	39.707	ng/ul	98
72) Phenanthrene	17.510	178	4003176	37.876	ng/ul	100
74) Anthracene	17.598	178	3993252	37.615	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	902796	35.411	ng/uL	98
76) Pentachlorobenzene	14.986	250	887172	38.783	ng/uL	99
77) Carbazole	17.880	167	3891728	39.779	ng/ul	99
78) Di-n-butylphthalate	18.386	149	4737586	41.832	ng/ul	99
80) Fluoranthene	19.463	202	4796696	41.477	ng/ul	98
82) Pyrene	19.822	202	4923243	40.315	ng/ul	100
83) Butylbenzylphthalate	20.680	149	2320175	47.163	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.480	252	1642664	40.793	ng/ul	100
85) Benzo(a)anthracene	21.539	228	4769330	38.376	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	3377863	47.311	ng/ul	98
87) Chrysene	21.598	228	4497730	38.675	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	5814659	49.911	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	4587864	41.269	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	4538218	41.149	ng/ul	100
93) Benzo(a)pyrene	24.021	252	3911732	37.301	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.880	276	4523062	36.544	ng/ul	99
95) Dibenzo(a,h)anthracene	26.909	278	3748975	36.397	ng/ul	100
96) Benzo(g,h,i)perylene	27.739	276	3577335	36.316	ng/ul	97

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

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