Quantitation Report (Qedit)

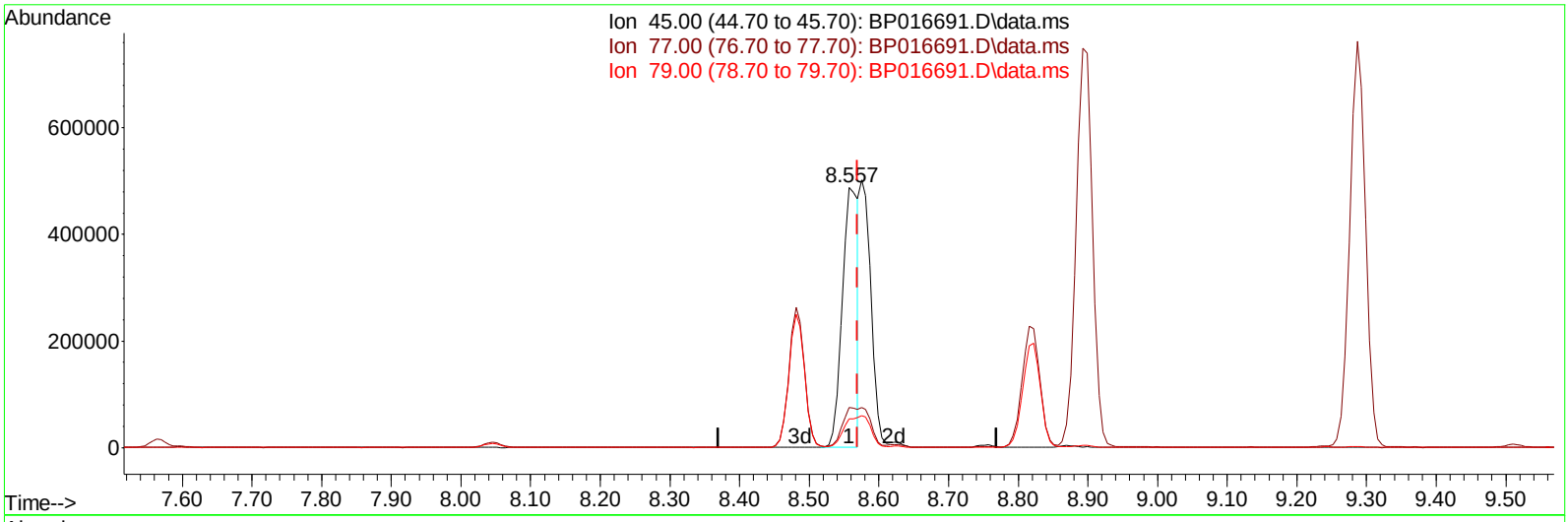
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016691.D
Acq On : 22 Aug 2023 00:46
Operator : MA/JU
Sample : PB154953BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

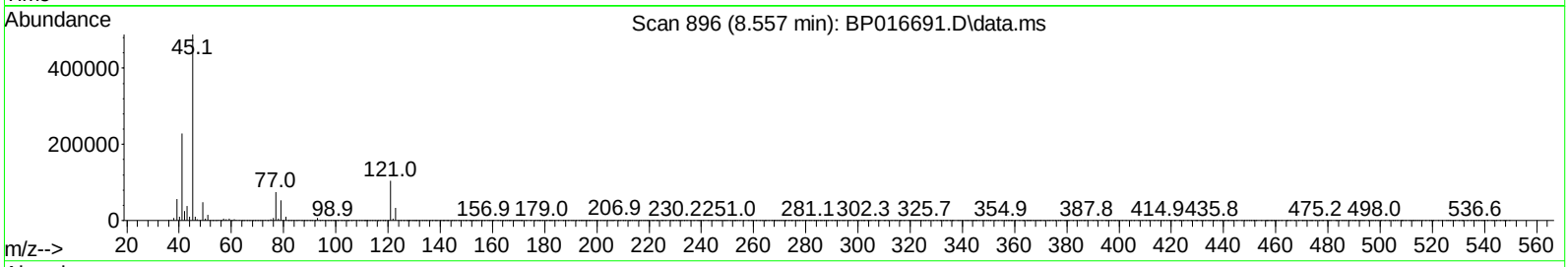
Quant Time: Aug 22 01:26:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

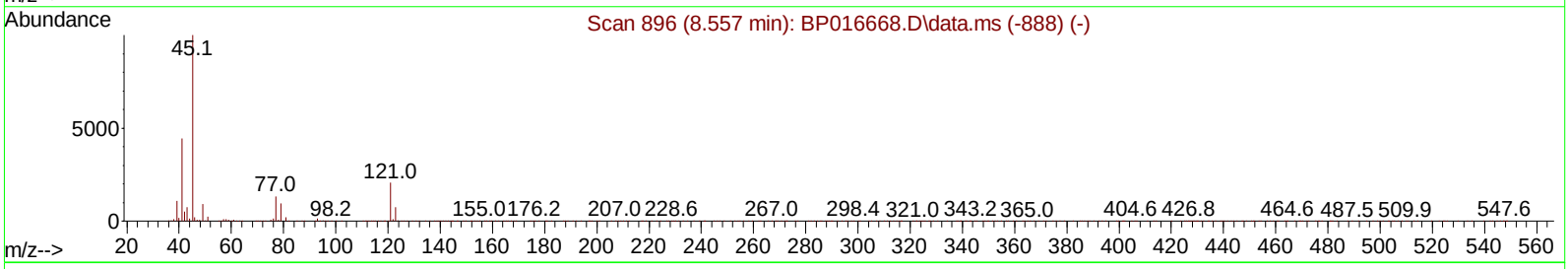
Instrument :
BNA_P
ClientSampleId :
SLCS953

Manual IntegrationsAPPROVED

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







TIC: BP016691.D\data.ms

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

8.557min (-0.012) 18.25 ng/ul

response 770563

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.31
79.00	10.30	11.03
0.00	0.00	0.00

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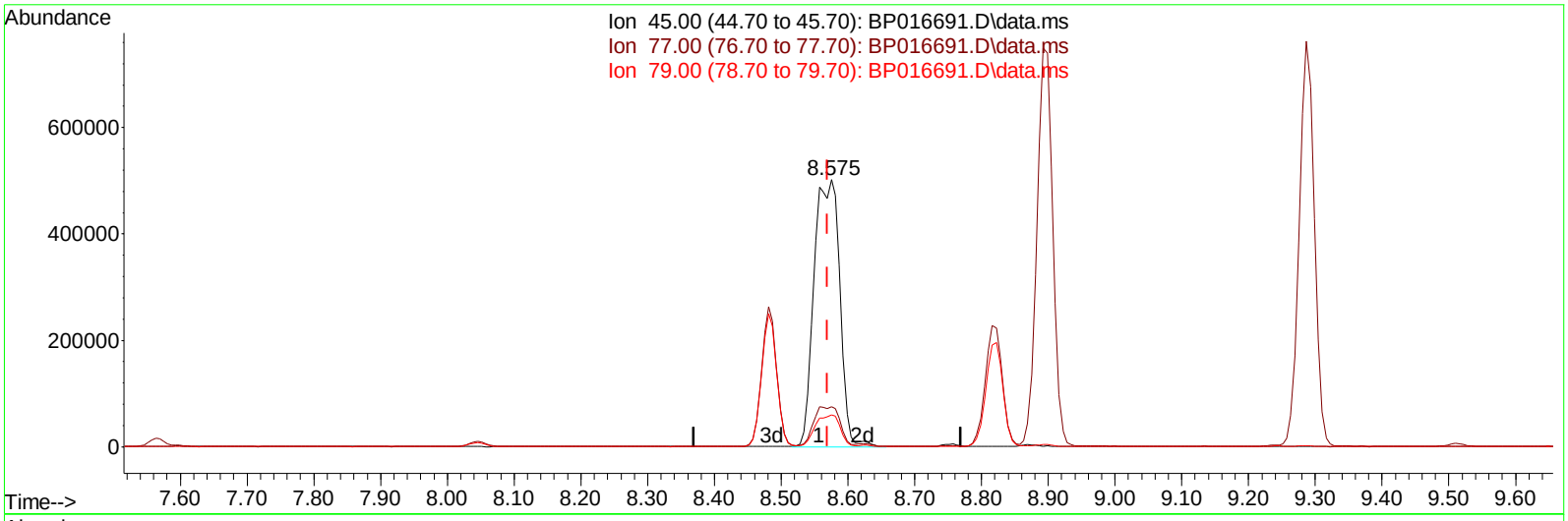

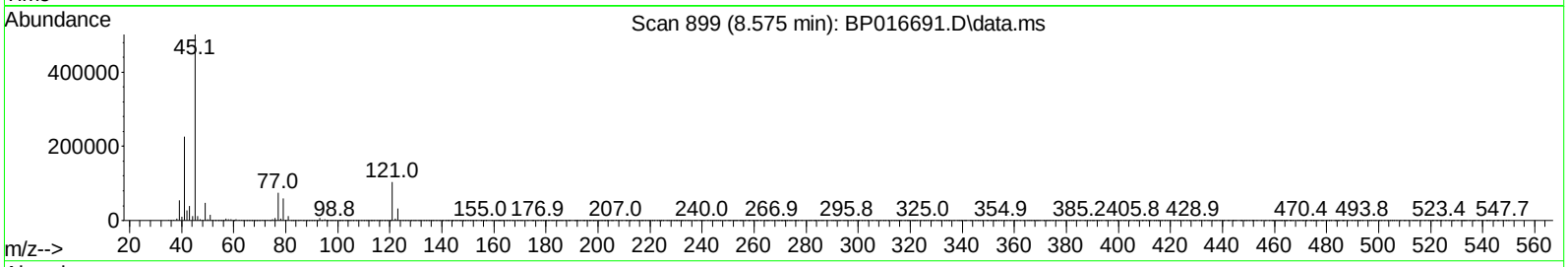

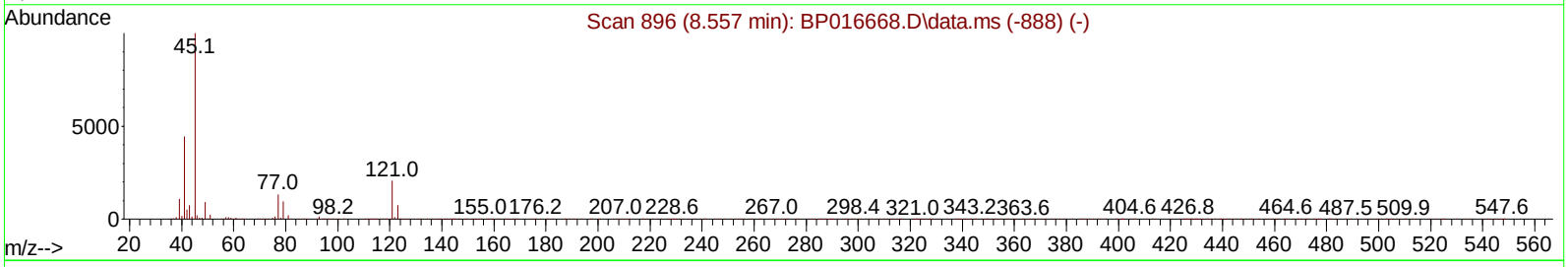

TIC: BP016691.D\data.ms

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

8.575min (+ 0.006) 31.77 ng/ul m

response 1341216

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.06
79.00	10.30	11.89
0.00	0.00	0.00

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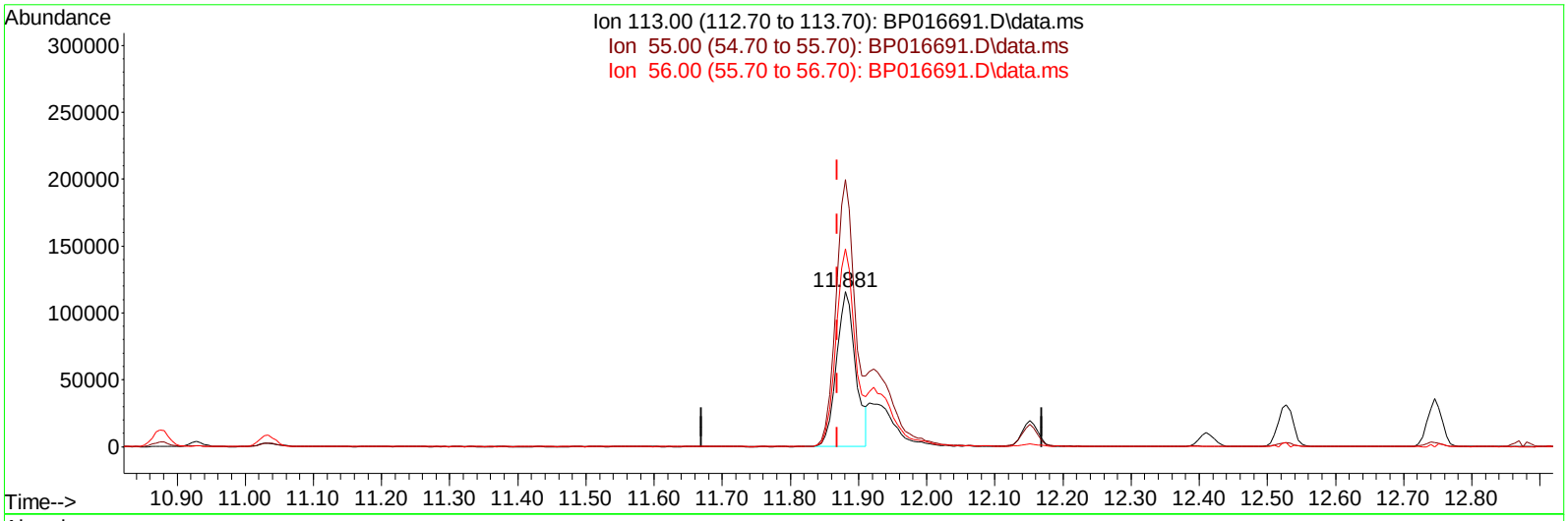

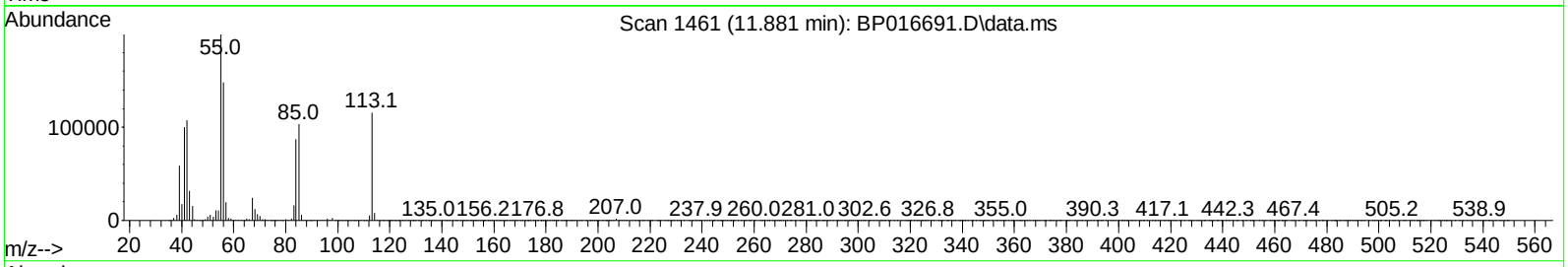

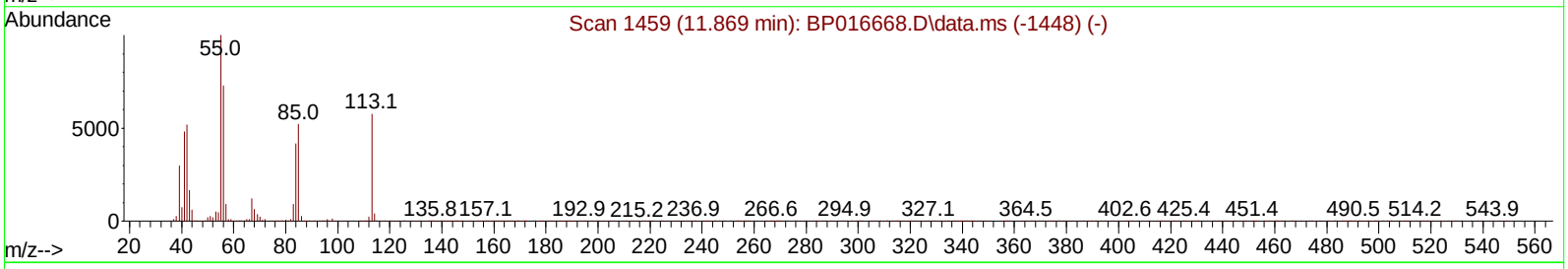

TIC: BP016691.D\data.ms

(34) Caprolactam

11.881min (+ 0.012) 25.15 ng/ul

response 225843

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	172.03
56.00	126.90	127.77
0.00	0.00	0.00

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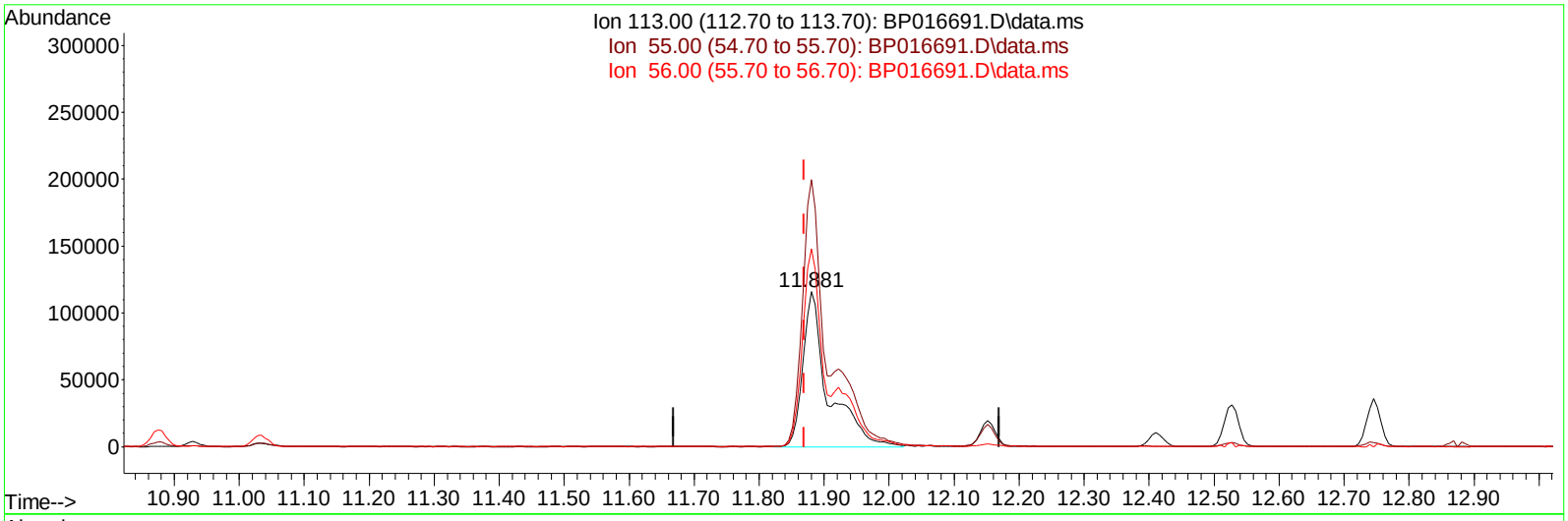

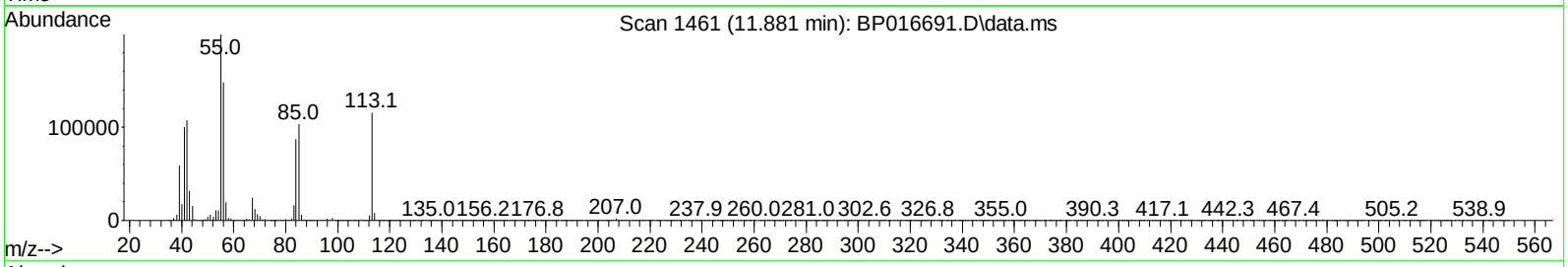

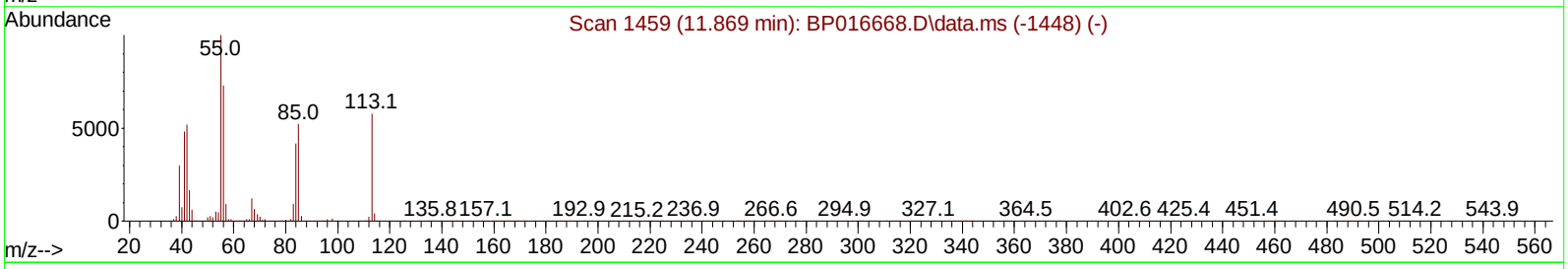

TIC: BP016691.D\data.ms

(34) Caprolactam

11.881min (+ 0.012) 35.02 ng/ul m

response 314464

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	172.03
56.00	126.90	127.77
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	380537	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1705581	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.698	164	1025729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	2249325	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1955338	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1889097	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	63094	6.300	ng/uL	0.00
4) Pyridine-d5	3.822	84	933931	30.652	ng/ul	0.00
7) Phenol-d5	7.187	99	1231043	35.090	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	754429	32.649	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	859720	34.118	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	945227	33.885	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	439634	36.633	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	466747	40.949	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	846516	37.738	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	1189864	30.916	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	2519873	33.965	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	2934502	35.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	519890	34.399	ng/ul	0.00
60) Fluorene-d10	15.692	176	2135750	33.768	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	402036	37.571	ng/ul	0.00
73) Anthracene-d10	17.563	188	3307818	33.998	ng/ul	0.00
81) Pyrene-d10	19.798	212	3821830	37.302	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	3224488	35.617	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	144615	13.133	ng/uL	99
5) Pyridine	3.846	79	946891	29.953	ng/ul	99
6) Benzaldehyde	7.199	77	731826	37.842	ng/ul	100
8) Phenol	7.216	94	1270751	33.890	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.475	93	990645	32.706	ng/ul	98
12) 2-Chlorophenol	7.599	128	904028	34.097	ng/ul	100
13) 2-Methylphenol	8.481	108	927767	34.063	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1341216m	31.771	ng/ul	
16) Acetophenone	8.899	105	1509653	33.513	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.869	70	838207	34.695	ng/ul	99
18) 4-Methylphenol	8.816	108	1025170	34.247	ng/ul	96
19) Hexachloroethane	9.116	117	368994	33.312	ng/ul	95
22) Nitrobenzene	9.287	77	1202710	35.800	ng/ul	99
23) Isophorone	9.804	82	2305572	36.334	ng/ul	99
25) 2-Nitrophenol	9.993	139	521386	40.012	ng/ul	99
26) 2,4-Dimethylphenol	10.028	107	1048434	34.129	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.287	93	1390823	34.193	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	854850	37.040	ng/ul	99
30) Naphthalene	10.928	128	2973305	33.366	ng/ul	100
32) 4-Chloroaniline	11.057	127	1165809	30.582	ng/ul	99
33) Hexachlorobutadiene	11.163	225	474582	34.112	ng/ul	99
34) Caprolactam	11.881	113	314464m	35.023	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	1060021	37.576	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	1989510	33.330	ng/ul	100
37) 1-Methylnaphthalene	12.745	142	1980112	32.945	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	955249	34.818	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	527213	31.583	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	666191	39.017	ng/ul	98
42) 2,4,5-Trichlorophenol	13.192	196	742169	40.099	ng/ul	100
43) 1,1'-Biphenyl	13.534	154	2627500	34.462	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	2037448	34.346	ng/ul	99
45) 2-Nitroaniline	13.810	65	734974	40.976	ng/ul	96
47) Dimethylphthalate	14.157	163	2628679	34.654	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	550190	41.875	ng/ul	100
50) Acenaphthylene	14.428	152	3239546	32.849	ng/ul	99
51) 3-Nitroaniline	14.634	138	592728	40.234	ng/ul	99
52) Acenaphthene	14.763	153	2212659	33.517	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	275052	37.605	ng/ul	95
55) 4-Nitrophenol	14.916	109	440180	35.825	ng/ul	99
56) Dibenzofuran	15.098	168	3038450	33.735	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	798851	40.602	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.310	232	609721	39.319	ng/ul	96
59) Diethylphthalate	15.510	149	2714939	35.005	ng/ul	99
61) Fluorene	15.751	166	2512119	34.015	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	1165156	33.609	ng/ul	98
63) 4-Nitroaniline	15.804	138	599105	42.495	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.828	198	424320	35.763	ng/ul	99
67) N-Nitrosodiphenylamine	15.963	169	2151040	35.279	ng/ul	100
68) 4-Bromophenyl-phenylether	16.639	248	730531	36.375	ng/ul	98
69) Hexachlorobenzene	16.722	284	821226	34.996	ng/ul	98
70) Atrazine	16.916	200	705786	32.175	ng/ul	100
71) Pentachlorophenol	17.086	266	514407	35.604	ng/ul	99
72) Phenanthrene	17.510	178	4041932	34.108	ng/ul	100
74) Anthracene	17.598	178	4042063	33.958	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	943088	32.992	ng/uL	99
76) Pentachlorobenzene	14.992	250	904435	35.263	ng/uL	99
77) Carbazole	17.880	167	3855994	35.153	ng/ul	99
78) Di-n-butylphthalate	18.392	149	4810375	37.883	ng/ul	100
80) Fluoranthene	19.469	202	4750595	38.849	ng/ul	100
82) Pyrene	19.827	202	4858433	37.626	ng/ul	98
83) Butylbenzylphthalate	20.680	149	2291697	44.056	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.480	252	1511584	35.501	ng/ul	99
85) Benzo(a)anthracene	21.545	228	4562682	34.721	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	3354178	44.430	ng/ul#	98
87) Chrysene	21.604	228	4262309	34.661	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	5571913	47.269	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	4255000	37.828	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	4068926	36.464	ng/ul	100
93) Benzo(a)pyrene	24.027	252	3538297	33.347	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.886	276	3939484	31.458	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	3301100	31.675	ng/ul	100
96) Benzo(g,h,i)perylene	27.745	276	3141362	31.518	ng/ul	97

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

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