Quantitation Report (Qedit)

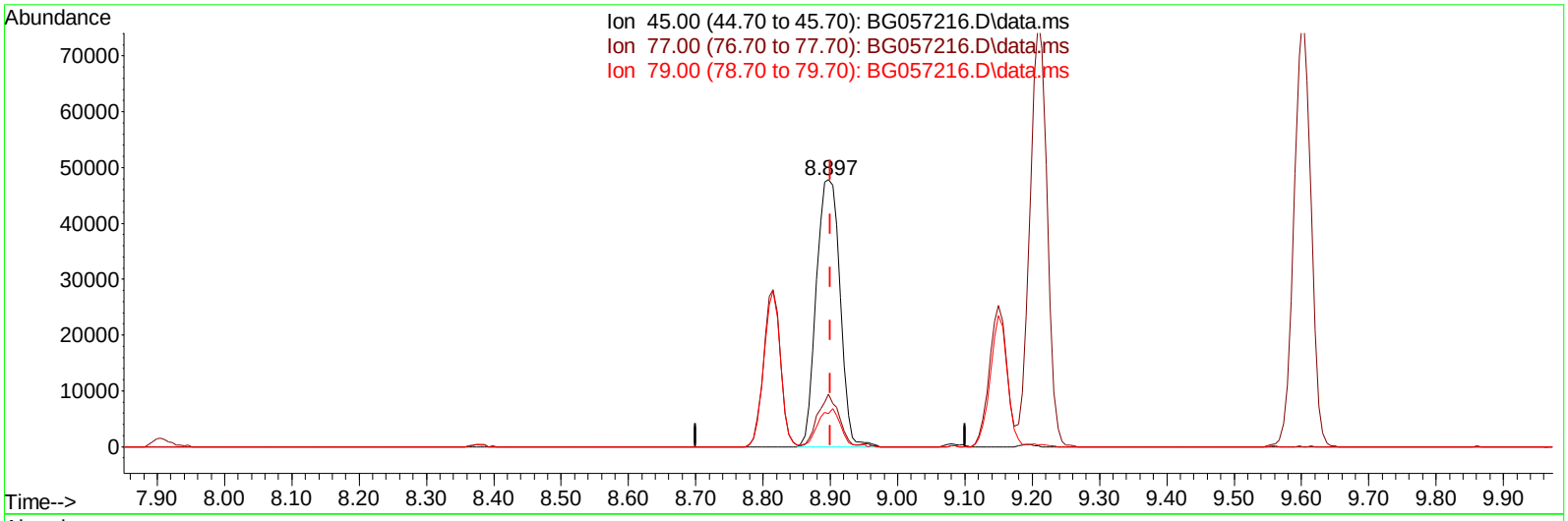
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057216.D
Acq On : 28 Apr 2023 13:21
Operator : CG/JU
Sample : SSTD08084
Misc :
ALS Vial : 6 Sample Multiplier: 1

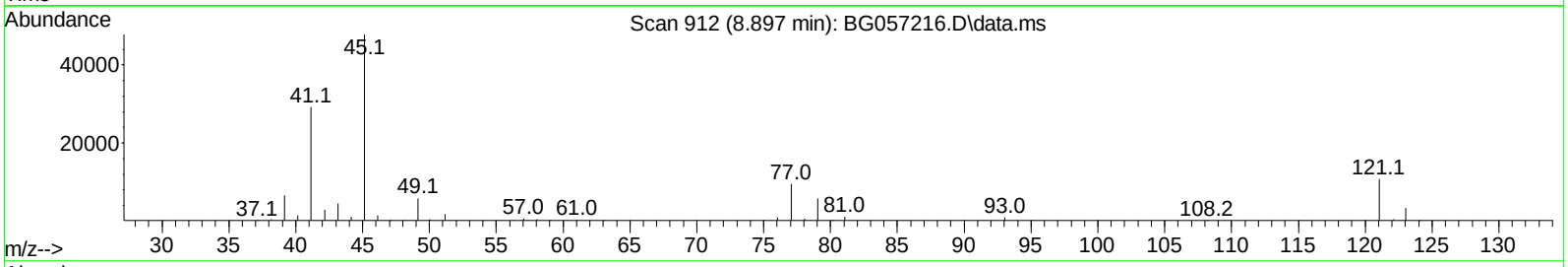
Quant Time: Apr 28 22:50:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 14:45:43 2023
Response via : Initial Calibration

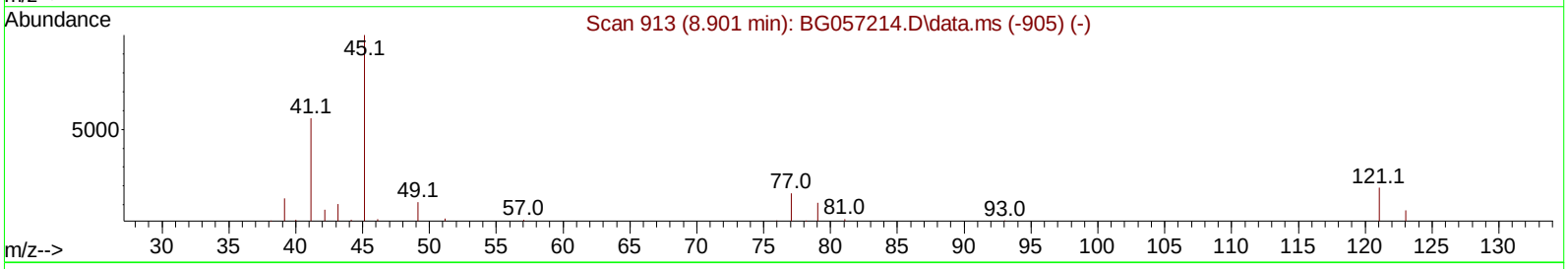
Instrument :
BNA_G
ClientSampleId :
SSTD080432

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023







TIC: BG057216.D\data.ms

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

8.897min (-0.003) 79.98 ng/ul

response 116899

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	19.79#
79.00	11.10	12.31
0.00	0.00	0.00

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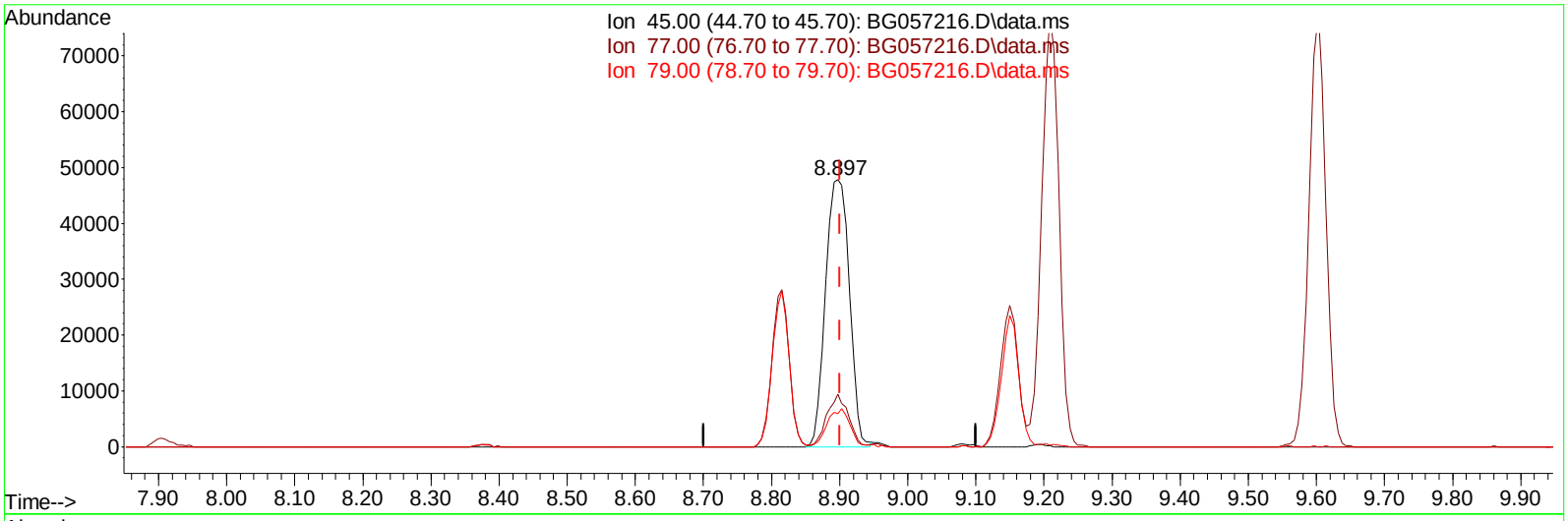

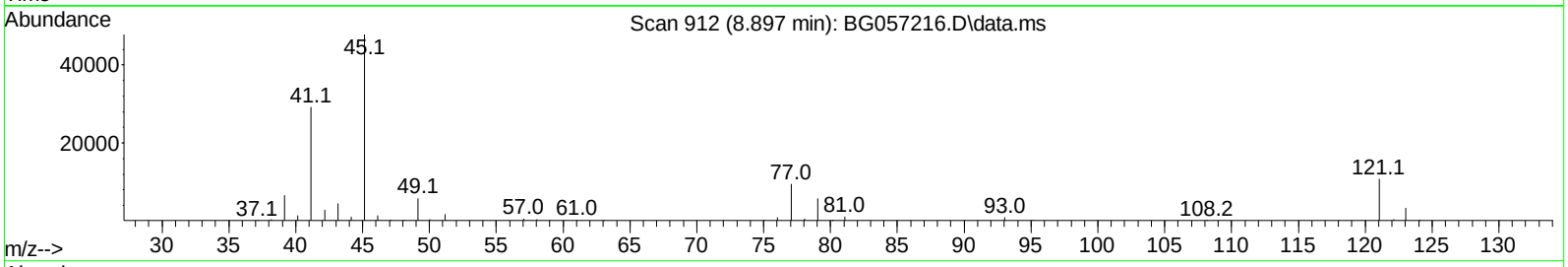

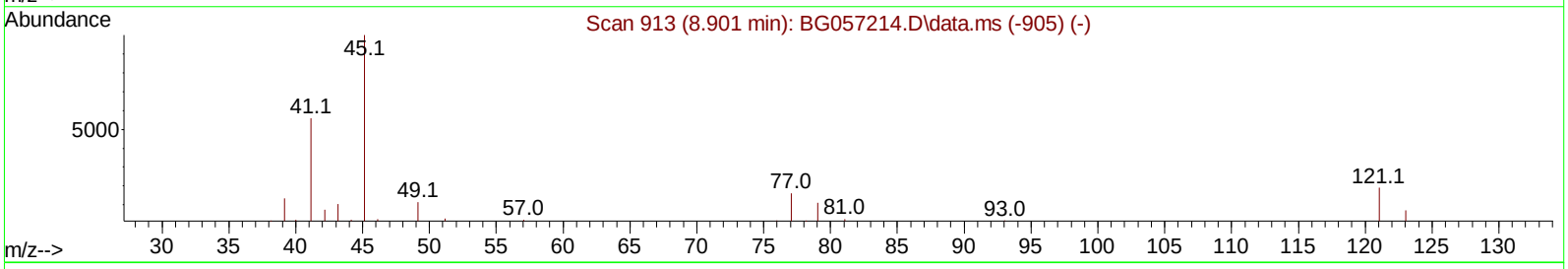

TIC: BG057216.D\data.ms

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

8.897min (-0.003) 79.40 ng/ul m

response 116045

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	19.79#
79.00	11.10	12.31
0.00	0.00	0.00

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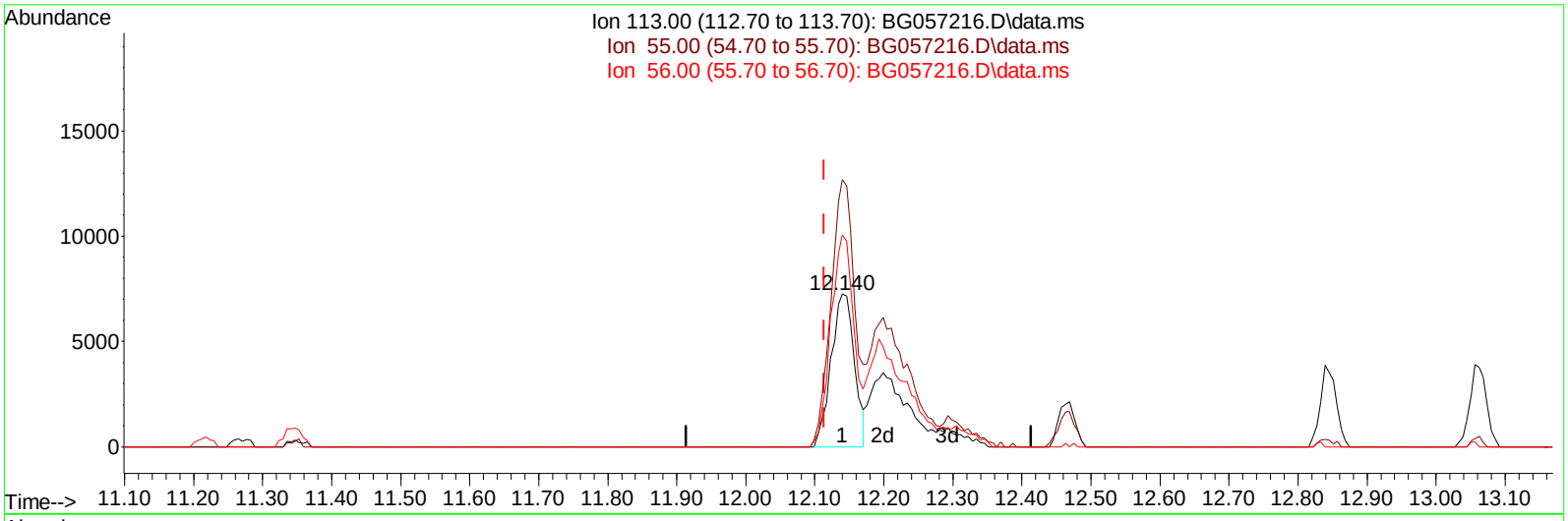

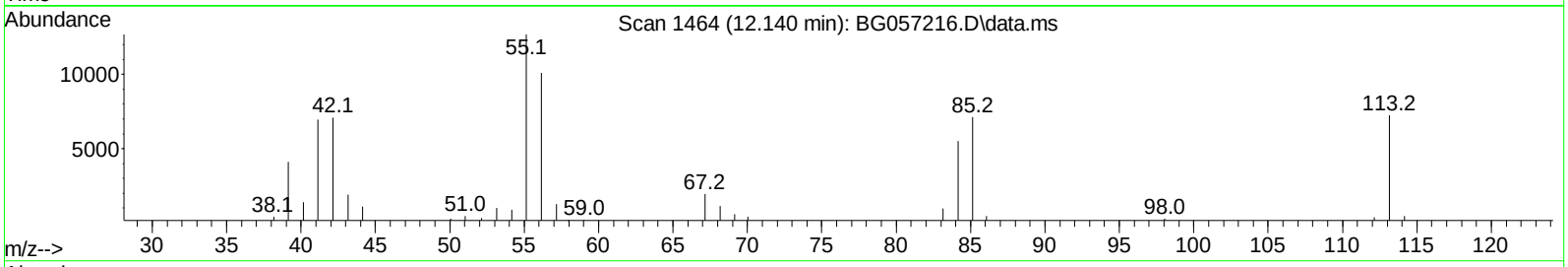

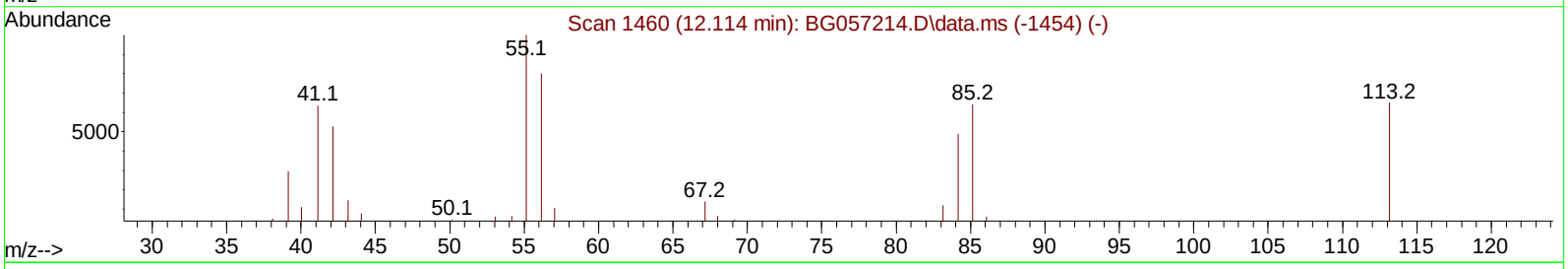

TIC: BG057216.D\data.ms

(34) Caprolactam

12.140min (+ 0.026) 43.14 ng/ul

response 16969

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	175.03
56.00	123.40	139.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Time: Apr 28 23:09:11 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 14:45:43 2023
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Instrument :
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ClientSampleId :
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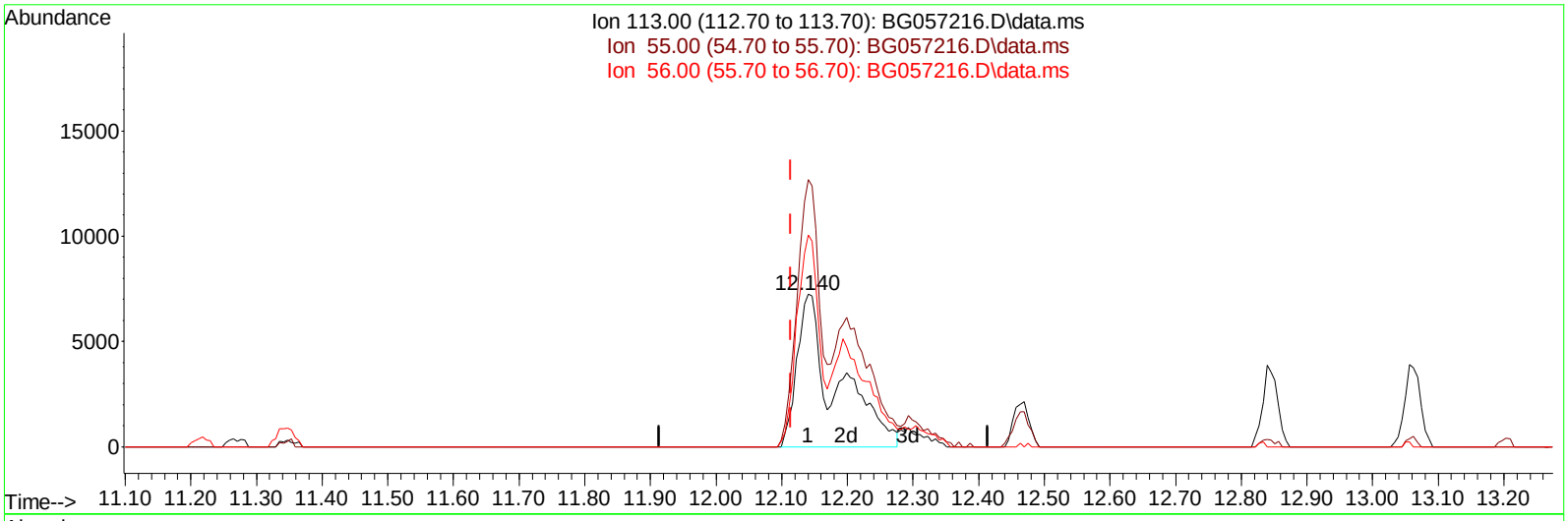

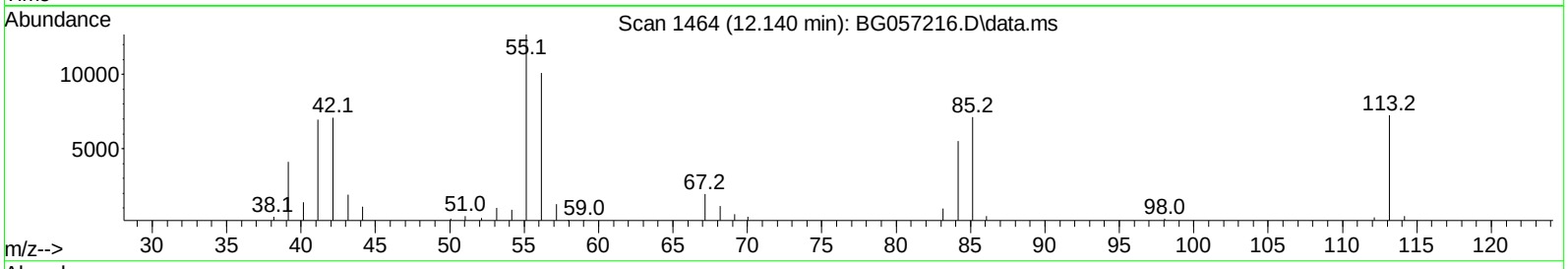

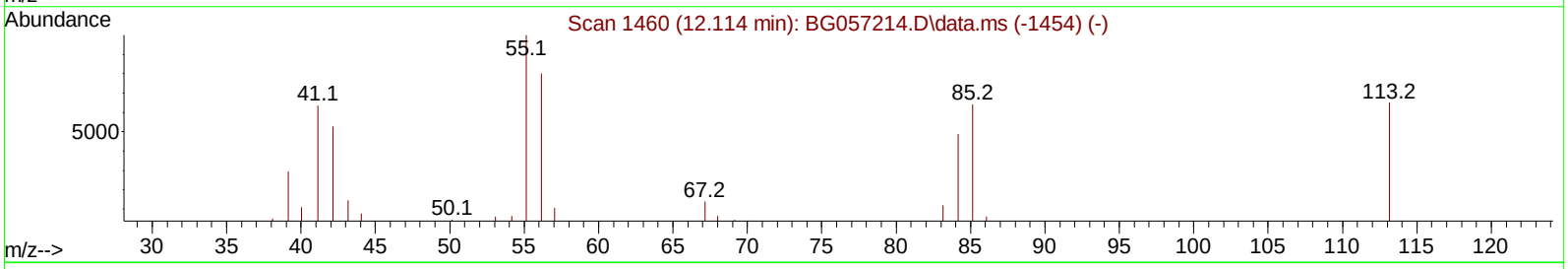

TIC: BG057216.D\data.ms

(34) Caprolactam

12.140min (+ 0.026) 76.67 ng/ul m

response 30157

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	175.03
56.00	123.40	139.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : SSTD08084
Misc :
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Quant Time: Apr 28 23:09:48 2023
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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	8.380	152	15867	20.000	ng/ul	0.00
20) Naphthalene-d8	11.218	136	68936	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.989	164	51682	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.733	188	126382	20.000	ng/ul	0.00
79) Chrysene-d12	22.044	240	111208	20.000	ng/ul	0.00
88) Perylene-d12	25.551	264	115778	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.657	96	11804	32.737	ng/uL	0.00
4) Pyridine-d5	4.098	84	94655	83.268	ng/ul	0.00
7) Phenol-d5	7.517	99	124136	82.727	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.687	67	70440	79.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.905	132	82105	83.030	ng/ul	0.00
15) 4-Methylphenol-d8	9.085	113	93535	82.014	ng/ul	0.00
21) Nitrobenzene-d5	9.555	128	44429	80.930	ng/ul	0.00
24) 2-Nitrophenol-d4	10.284	143	53318	83.220	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.830	165	102637	83.035	ng/ul	0.00
31) 4-Chloroaniline-d4	11.347	131	129158	78.838	ng/ul	0.00
46) Dimethylphthalate-d6	14.378	166	319127	77.929	ng/ul	0.00
49) Acenaphthylene-d8	14.690	160	371356	80.684	ng/ul	0.00
54) 4-Nitrophenol-d4	15.183	143	49186	83.162	ng/ul	0.01
60) Fluorene-d10	15.976	176	300552	78.783	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.094	200	63179	84.374	ng/ul	0.00
73) Anthracene-d10	17.832	188	455610	78.979	ng/ul	0.00
81) Pyrene-d10	20.094	212	526971	79.833	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.316	264	491549	83.333	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	13133	34.345	ng/uL	91
5) Pyridine	4.116	79	100837	84.150	ng/ul	96
6) Benzaldehyde	7.499	77	42059	91.771	ng/ul	86
8) Phenol	7.546	94	125197	82.780	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.781	93	91115	80.495	ng/ul	98
12) 2-Chlorophenol	7.940	128	85497	82.314	ng/ul	99
13) 2-Methylphenol	8.815	108	95551	81.520	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.897	45	116045m	79.399	ng/ul	
16) Acetophenone	9.209	105	155644	79.310	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.191	70	89318	79.200	ng/ul	97
18) 4-Methylphenol	9.150	108	102579	80.853	ng/ul	94
19) Hexachloroethane	9.479	117	34942	80.406	ng/ul	96
22) Nitrobenzene	9.602	77	134105	82.035	ng/ul	99
23) Isophorone	10.125	82	253179	81.401	ng/ul	99
25) 2-Nitrophenol	10.319	139	54842	84.512	ng/ul	96
26) 2,4-Dimethylphenol	10.360	107	119115	80.915	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.595	93	128319	79.368	ng/ul	96
29) 2,4-Dichlorophenol	10.859	162	97578	83.169	ng/ul	97
30) Naphthalene	11.271	128	301668	79.701	ng/ul	98
32) 4-Chloroaniline	11.371	127	132659	77.715	ng/ul	97
33) Hexachlorobutadiene	11.541	225	80645	81.041	ng/ul	93
34) Caprolactam	12.140	113	30157m	76.670	ng/ul	
35) 4-Chloro-3-methylphenol	12.463	107	109471	81.093	ng/ul	96

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Instrument :
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ClientSampleId :
SSTD080432

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.845	142	219241	78.986 ng/ul	97
37) 1-Methylnaphthalene	13.062	142	216959	77.735 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.203	216	155053	82.557 ng/ul	99
40) Hexachlorocyclopentadiene	13.180	237	91174	97.279 ng/ul	98
41) 2,4,6-Trichlorophenol	13.438	196	95256	87.085 ng/ul	96
42) 2,4,5-Trichlorophenol	13.515	196	102031	86.880 ng/ul	94
43) 1,1'-Biphenyl	13.832	154	312625	79.275 ng/ul	98
44) 2-Chloronaphthalene	13.885	162	247432	80.921 ng/ul	98
45) 2-Nitroaniline	14.079	65	80894	87.635 ng/ul	98
47) Dimethylphthalate	14.431	163	320436	77.920 ng/ul	99
48) 2,6-Dinitrotoluene	14.560	165	69808	82.485 ng/ul	96
50) Acenaphthylene	14.719	152	366869	78.438 ng/ul	98
51) 3-Nitroaniline	14.889	138	50766	84.658 ng/ul	99
52) Acenaphthene	15.060	153	261227	78.388 ng/ul	100
53) 2,4-Dinitrophenol	15.101	184	41776	92.692 ng/ul	90
55) 4-Nitrophenol	15.195	109	56932	84.253 ng/ul	95
56) Dibenzofuran	15.389	168	375644	78.059 ng/ul	97
57) 2,4-Dinitrotoluene	15.348	165	100124	82.642 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.612	232	93085	87.230 ng/ul	99
59) Diethylphthalate	15.776	149	325471	77.900 ng/ul	99
61) Fluorene	16.035	166	311019	76.431 ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.011	204	184259	77.580 ng/ul	99
63) 4-Nitroaniline	16.052	138	49872	87.823 ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.111	198	64199	84.138 ng/ul#	98
67) N-Nitrosodiphenylamine	16.223	169	266319	80.670 ng/ul	100
68) 4-Bromophenyl-phenylether	16.904	248	124445	82.384 ng/ul	96
69) Hexachlorobenzene	17.039	284	127813	80.352 ng/ul	98
70) Atrazine	17.157	200	115564	78.762 ng/ul	98
71) Pentachlorophenol	17.380	266	65091	89.509 ng/ul	96
72) Phenanthrene	17.774	178	512322	77.844 ng/ul	99
74) Anthracene	17.868	178	505074	76.399 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.803	216	165009	86.806 ng/uL	98
76) Pentachlorobenzene	15.306	250	162437	83.951 ng/uL	99
77) Carbazole	18.132	167	431212	78.051 ng/ul	100
78) Di-n-butylphthalate	18.649	149	504742	79.894 ng/ul	99
80) Fluoranthene	19.759	202	621579	79.271 ng/ul	99
82) Pyrene	20.123	202	606748	76.437 ng/ul	99
83) Butylbenzylphthalate	20.975	149	217817	85.685 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.915	252	197456	79.949 ng/ul	95
85) Benzo(a)anthracene	22.021	228	633468	80.541 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.868	149	314695	85.116 ng/ul	97
87) Chrysene	22.091	228	591628	79.729 ng/ul	97
89) Di-n-octyl phthalate	23.166	149	530338	82.950 ng/ul	100
90) Benzo(b)fluoranthene	24.429	252	652308	81.360 ng/ul	97
91) Benzo(k)fluoranthene	24.506	252	639053	81.929 ng/ul	99
93) Benzo(a)pyrene	25.399	252	563157	81.361 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.622	276	711389	82.209 ng/ul	98
95) Dibenzo(a,h)anthracene	29.681	278	588272	81.994 ng/ul	98
96) Benzo(g,h,i)perylene	30.903	276	572795	81.798 ng/ul	98

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

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