Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101521\
Data File : BN016976.D
Acq On : 15 Oct 2021 15:51
Operator : CG/JU
Sample : SSTD04025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 16:21:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 15 15:46:00 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040225

Manual Integrations APPROVED
mohammad
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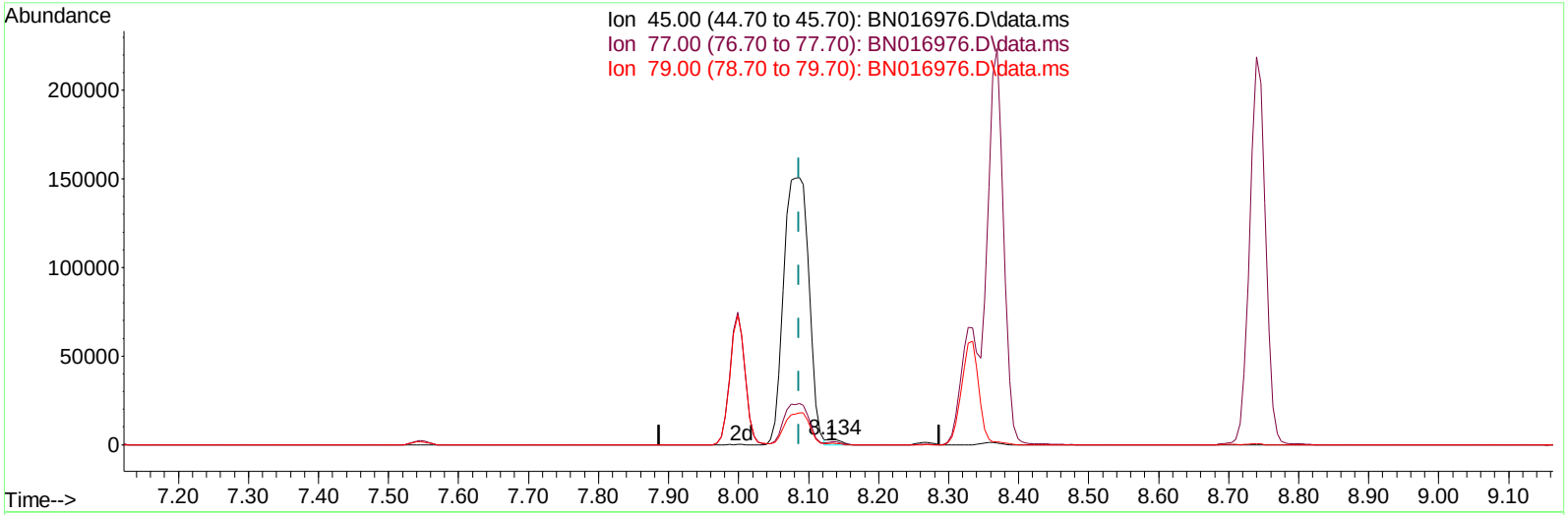

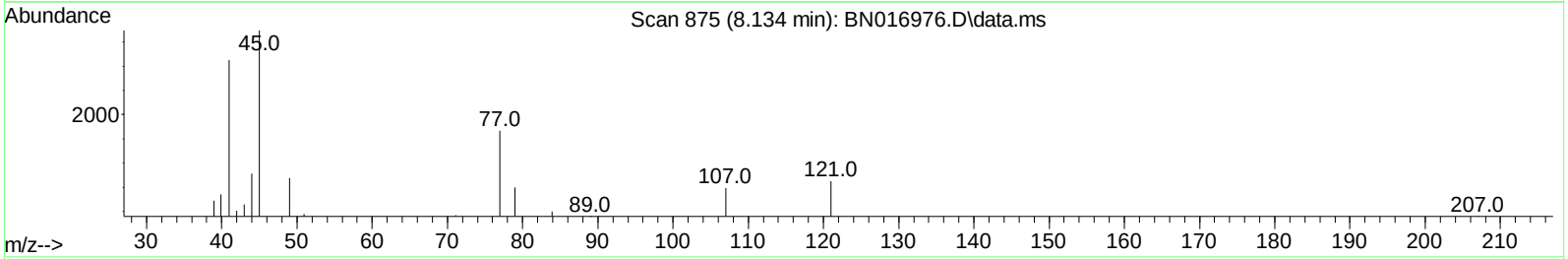

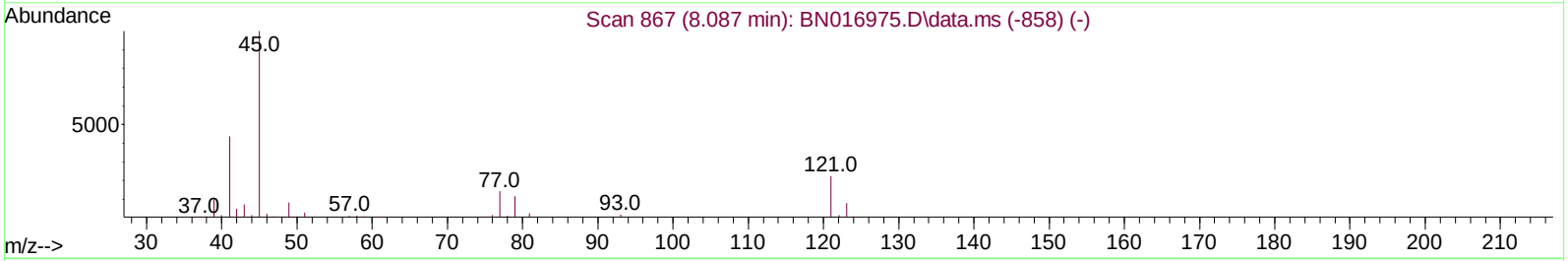

TIC: BN016976.D\data.ms

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

8.134min (+ 0.047) 0.48 ng/ul

response 4277

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.90	51.18#
79.00	12.00	23.39#
0.00	0.00	0.00

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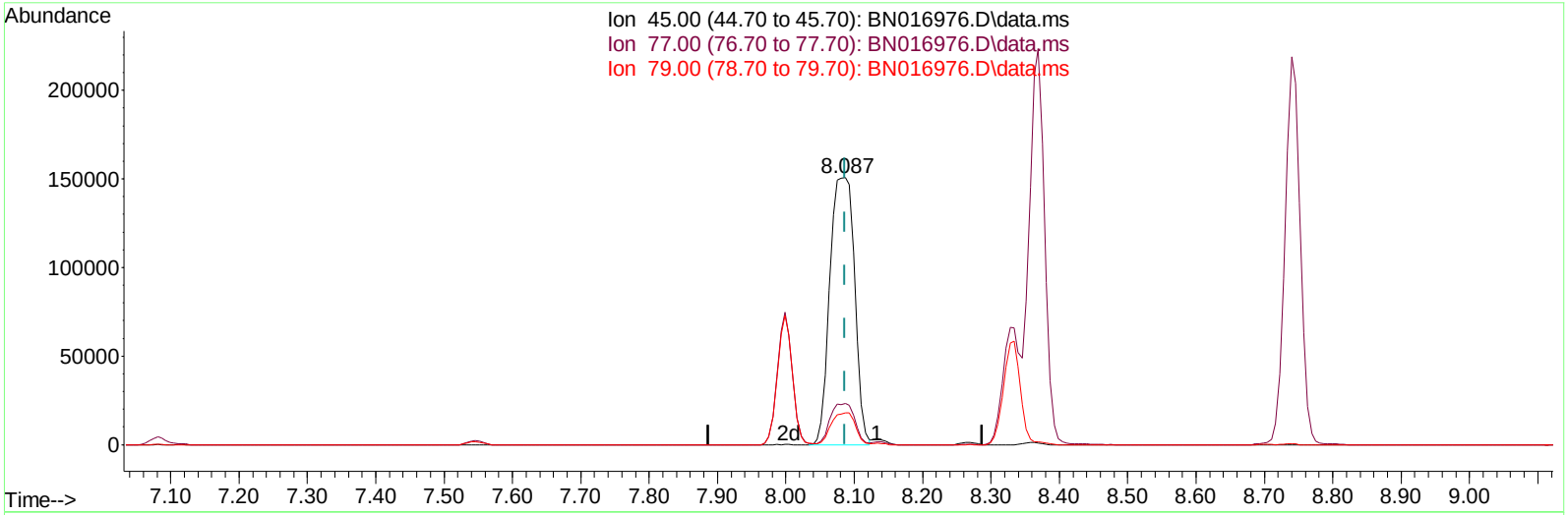

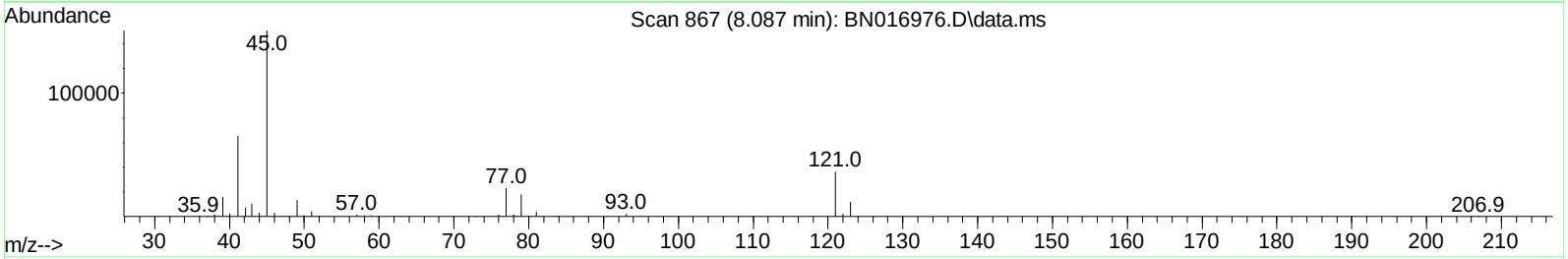

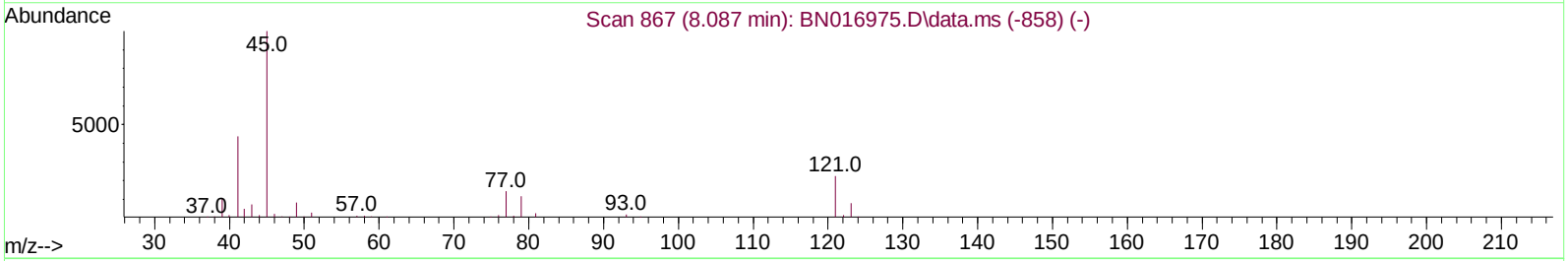

TIC: BN016976.D\data.ms

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

8.087min (-0.000) 42.07 ng/ul m

response 377030

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.90	15.46
79.00	12.00	11.94
0.00	0.00	0.00

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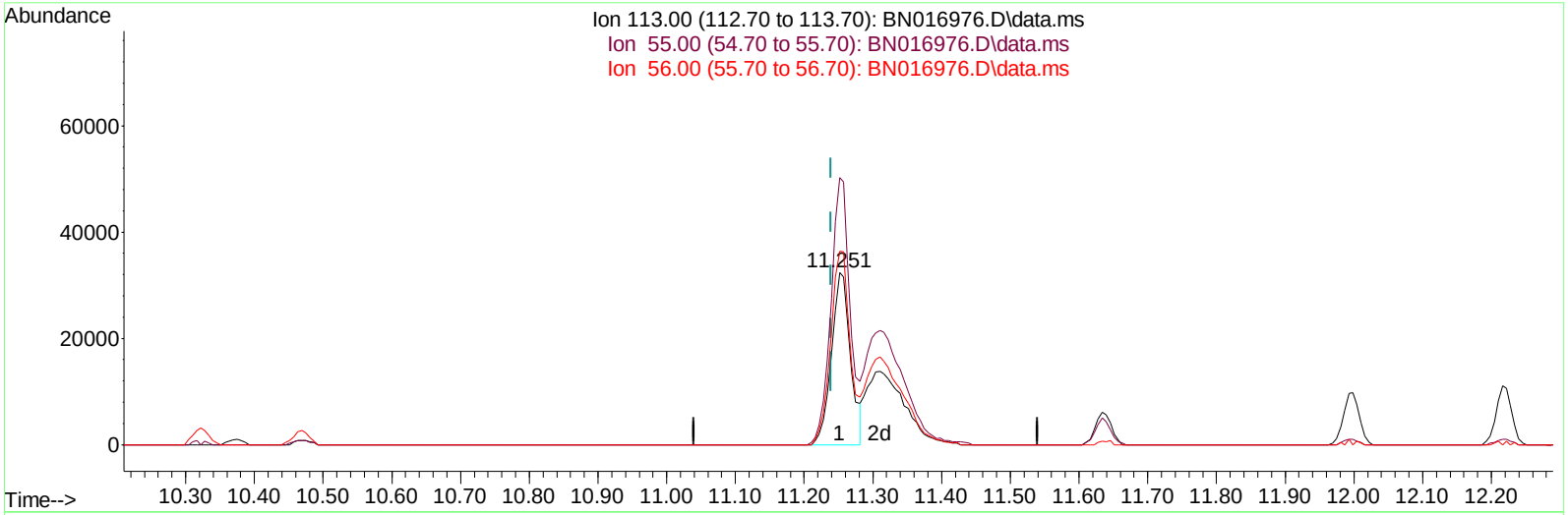

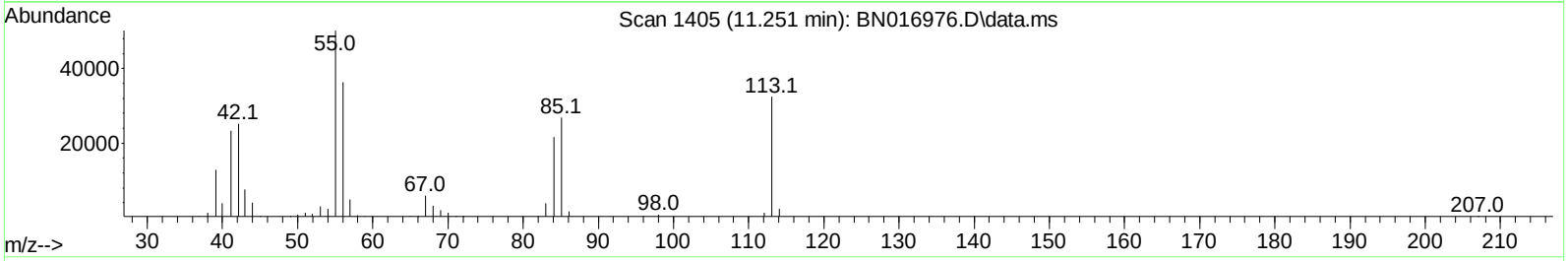

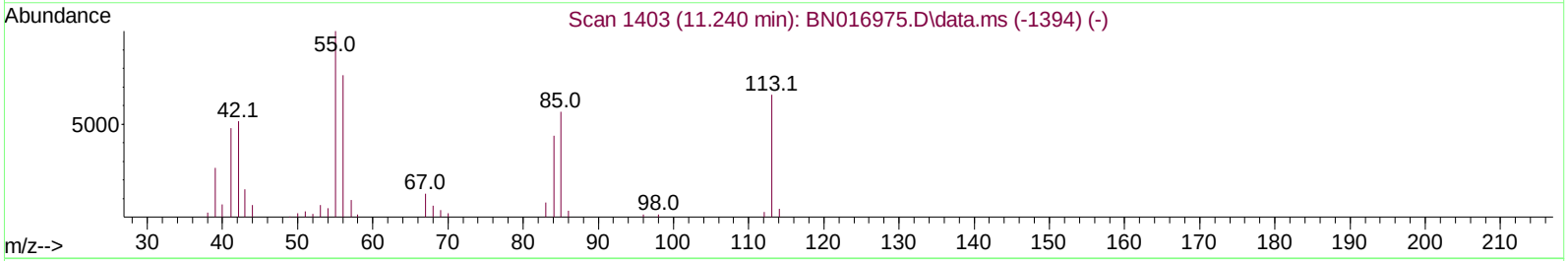

TIC: BN016976.D\data.ms

(34) Caprolactam

11.251min (+ 0.012) 28.68 ng/ul

response 62054

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.30	154.96
56.00	116.40	112.35
0.00	0.00	0.00

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Instrument :
BNA_N
ClientSampleId :
SSTD040225

Manual Integrations APPROVED
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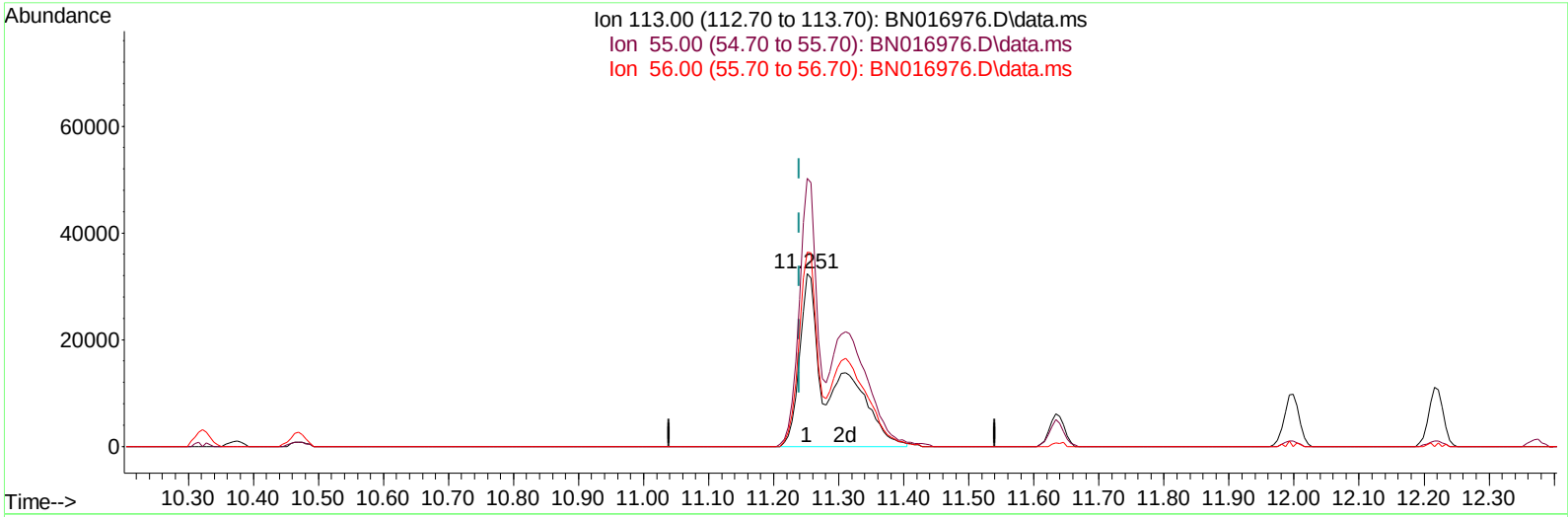

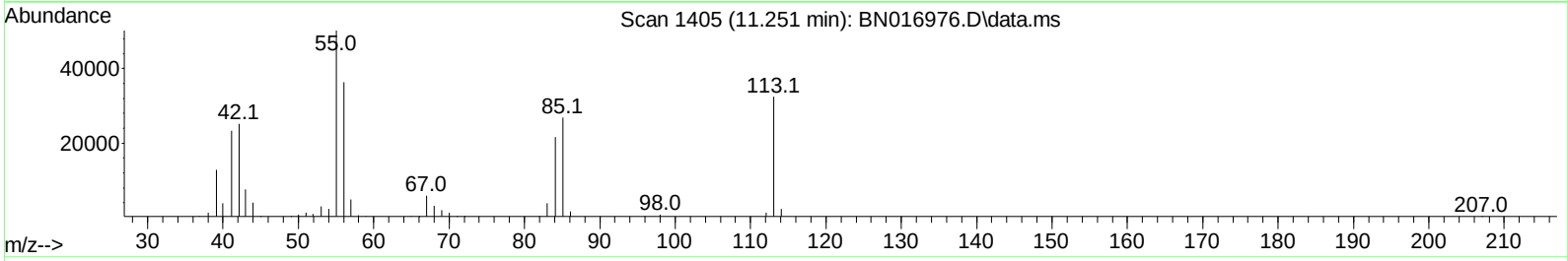

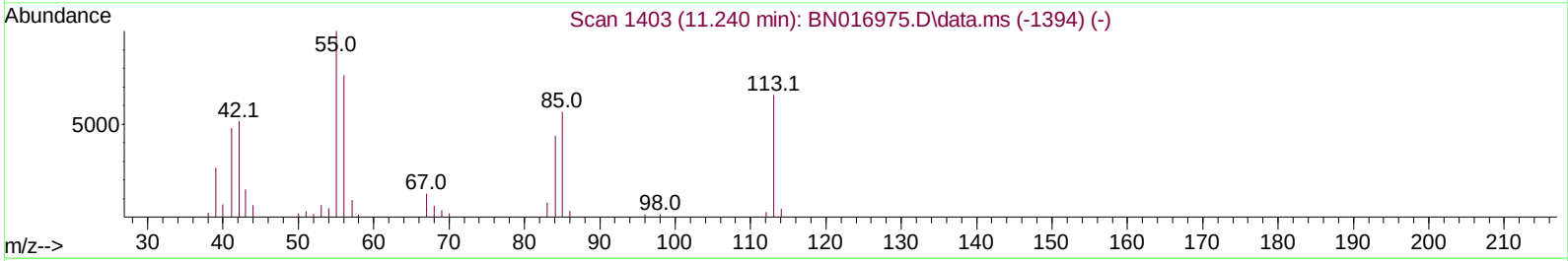

TIC: BN016976.D\data.ms

(34) Caprolactam

11.251min (+ 0.012) 53.08 ng/ul m

response 114832

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.30	154.96
56.00	116.40	112.35
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTD04025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040225

Manual Integrations APPROVED
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10/19/2021 12:08:29 PM

Quant Time: Oct 15 16:21:17 2021
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	102586	20.000	ng/ul	0.00
20) Naphthalene-d8	10.322	136	495653	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	335243	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	727112	20.000	ng/ul	0.00
79) Chrysene-d12	21.169	240	768710	20.000	ng/ul	0.00
88) Perylene-d12	23.386	264	874998	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	35535	14.660	ng/uL	0.00
4) Pyridine-d5	3.464	84	279708	41.901	ng/ul	0.00
7) Phenol-d5	6.734	99	366286	45.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	209420	43.952	ng/ul	0.00
11) 2-Chlorophenol-d4	7.081	132	287182	44.590	ng/ul	0.00
15) 4-Methylphenol-d8	8.269	113	302920	47.668	ng/ul	0.00
21) Nitrobenzene-d5	8.699	128	147091	46.341	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	167783	52.747	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.951	165	304890	46.349	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	445285	44.483	ng/ul	0.00
46) Dimethylphthalate-d6	13.628	166	926428	43.174	ng/ul	0.00
49) Acenaphthylene-d8	13.892	160	1177589	42.540	ng/ul	0.00
54) 4-Nitrophenol-d4	14.428	143	196051	47.828	ng/ul	0.00
60) Fluorene-d10	15.204	176	789935	42.079	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.334	200	176183	51.479	ng/ul	0.00
73) Anthracene-d10	17.057	188	1252671	41.029	ng/ul	0.00
81) Pyrene-d10	19.363	212	1421522	39.195	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.245	264	1823016	43.529	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	40344	15.584	ng/uL	100
5) Pyridine	3.481	79	280128	41.685	ng/ul	97
6) Benzaldehyde	6.693	77	215627	49.730	ng/ul	96
8) Phenol	6.763	94	377392	44.759	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.987	93	290611	44.161	ng/ul	100
12) 2-Chlorophenol	7.110	128	293900	44.442	ng/ul	100
13) 2-Methylphenol	7.999	108	289457	46.343	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.087	45	377030m	42.067	ng/ul	
16) Acetophenone	8.369	105	474928	48.192	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.363	70	238902	50.589	ng/ul	99
18) 4-Methylphenol	8.328	108	327017	48.380	ng/ul	94
19) Hexachloroethane	8.610	117	111360	43.028	ng/ul	95
22) Nitrobenzene	8.740	77	343038	45.269	ng/ul	100
23) Isophorone	9.263	82	689922	48.181	ng/ul	99
25) 2-Nitrophenol	9.446	139	184078	50.552	ng/ul	97
26) 2,4-Dimethylphenol	9.522	107	356509	44.988	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.757	93	420764	43.906	ng/ul	99
29) 2,4-Dichlorophenol	9.981	162	296612	45.056	ng/ul	99
30) Naphthalene	10.375	128	1008393	41.767	ng/ul	98
32) 4-Chloroaniline	10.493	127	459435	44.616	ng/ul	99
33) Hexachlorobutadiene	10.657	225	172432	41.560	ng/ul	98
34) Caprolactam	11.251	113	114832m	53.082	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	340681	48.643	ng/ul	96

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Operator : CG/JU
Sample : SSTD04025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040225

Manual Integrations APPROVED
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Quant Time: Oct 15 16:21:17 2021
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.998	142	709679	44.048	ng/ul	99
37) 1-Methylnaphthalene	12.222	142	714754	43.643	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.375	216	358485	39.755	ng/ul	98
40) Hexachlorocyclopentadiene	12.351	237	227265	40.832	ng/ul	99
41) 2,4,6-Trichlorophenol	12.622	196	248528	45.540	ng/ul	98
42) 2,4,5-Trichlorophenol	12.692	196	273166	45.389	ng/ul	94
43) 1,1'-Biphenyl	13.028	154	939955	39.808	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	723127	40.078	ng/ul	99
45) 2-Nitroaniline	13.281	65	216337	50.769	ng/ul	98
47) Dimethylphthalate	13.675	163	945204	43.343	ng/ul	99
48) 2,6-Dinitrotoluene	13.792	165	200813	51.807	ng/ul	97
50) Acenaphthylene	13.922	152	1224596	41.974	ng/ul	99
51) 3-Nitroaniline	14.122	138	219732	49.043	ng/ul	99
52) Acenaphthene	14.269	153	781264	40.897	ng/ul	98
53) 2,4-Dinitrophenol	14.328	184	126453	57.322	ng/ul	97
55) 4-Nitrophenol	14.445	109	140072	47.540	ng/ul	98
56) Dibenzofuran	14.604	168	1114644	41.063	ng/ul	99
57) 2,4-Dinitrotoluene	14.586	165	291433	52.303	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.839	232	234977	50.131	ng/ul	93
59) Diethylphthalate	15.051	149	956373	43.348	ng/ul	100
61) Fluorene	15.257	166	889835	41.097	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	432249	40.665	ng/ul	99
63) 4-Nitroaniline	15.292	138	222868	51.608	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.351	198	179030	51.410	ng/ul	99
67) N-Nitrosodiphenylamine	15.481	169	799348	40.377	ng/ul	100
68) 4-Bromophenyl-phenylether	16.157	248	291003	43.278	ng/ul	94
69) Hexachlorobenzene	16.263	284	351747	45.473	ng/ul	96
70) Atrazine	16.445	200	298916	42.426	ng/ul	97
71) Pentachlorophenol	16.610	266	215046	48.390	ng/ul	97
72) Phenanthrene	16.998	178	1480847	40.368	ng/ul	99
74) Anthracene	17.092	178	1486377	40.191	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.987	216	382776	38.337	ng/uL	97
76) Pentachlorobenzene	14.522	250	405494	42.009	ng/uL	96
77) Carbazole	17.369	167	1402439	42.592	ng/ul	99
78) Di-n-butylphthalate	17.951	149	1665831	44.879	ng/ul	99
80) Fluoranthene	19.027	202	1795968	39.630	ng/ul	99
82) Pyrene	19.392	202	1826234	38.671	ng/ul	100
83) Butylbenzylphthalate	20.321	149	777414	48.134	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.098	252	700528	46.036	ng/ul	96
85) Benzo(a)anthracene	21.157	228	1835496	40.639	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.110	149	1152864	44.809	ng/ul	99
87) Chrysene	21.210	228	1801094	40.765	ng/ul	98
89) Di-n-octyl phthalate	21.992	149	2047533	41.539	ng/ul	100
90) Benzo(b)fluoranthene	22.721	252	2099287	41.141	ng/ul	99
91) Benzo(k)fluoranthene	22.768	252	1965958	40.224	ng/ul	99
93) Benzo(a)pyrene	23.292	252	2059027	41.571	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.627	276	2540905	53.845	ng/ul	98
95) Dibenzo(a,h)anthracene	25.639	278	2136690	43.979	ng/ul	100
96) Benzo(g,h,i)perylene	26.309	276	2180956	46.217	ng/ul	97

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

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