Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008418.D
Acq On : 17 Dec 2016 19:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 18 02:38:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
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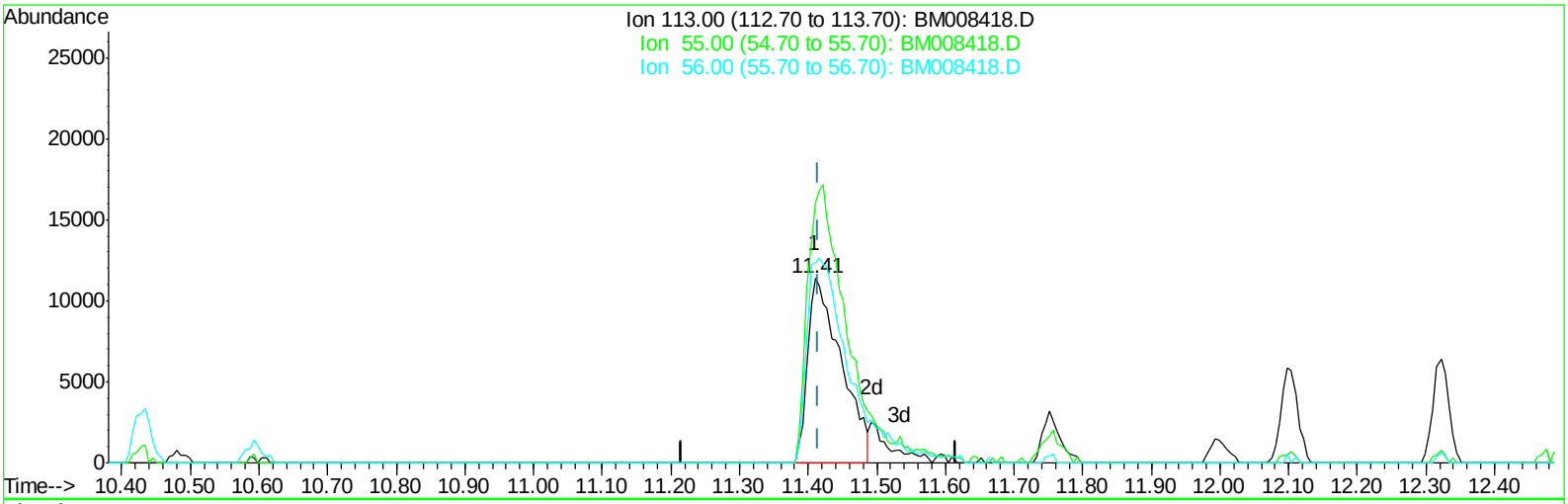

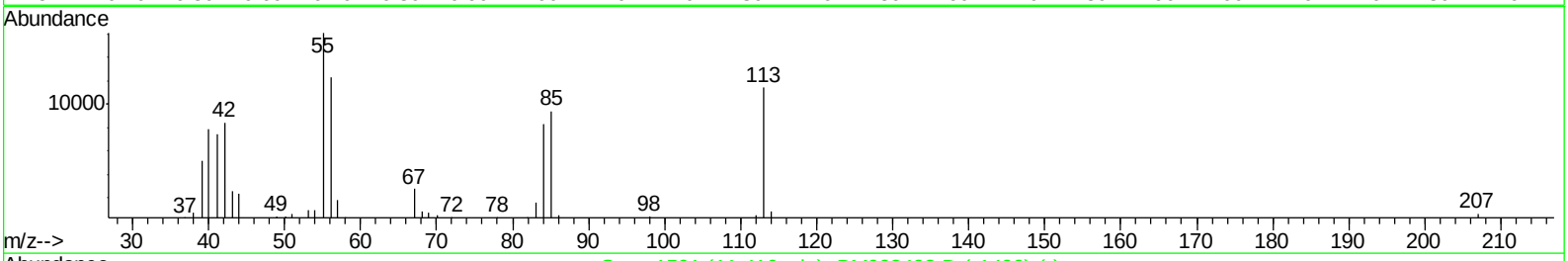

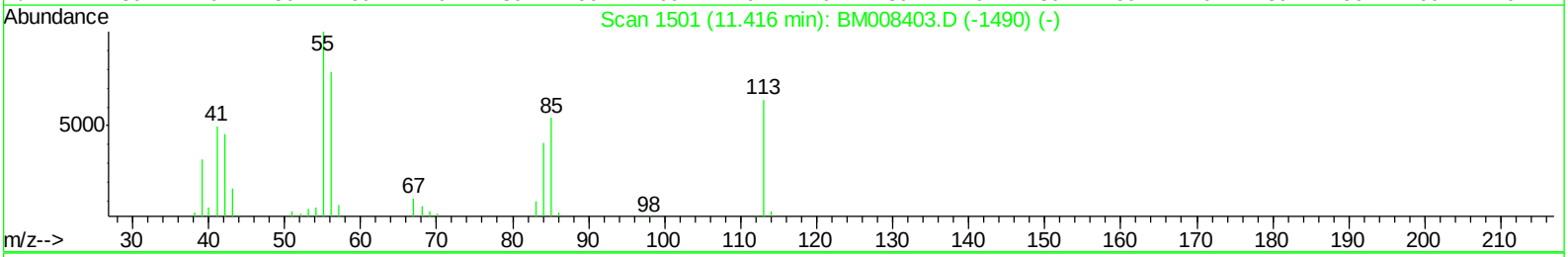

TIC: BM008418.D

(32) Caprolactam

11.410min (-0.006) 16.85ng/ul

response 38537

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	141.00
56.00	114.10	108.34
0.00	0.00	0.00

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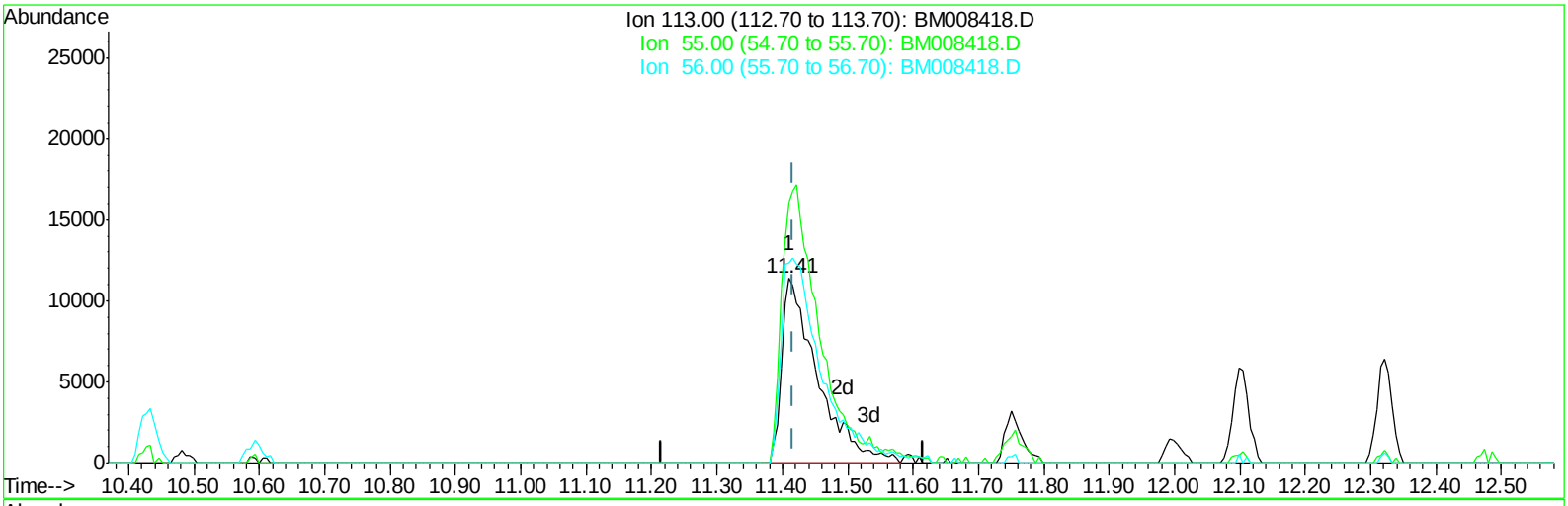

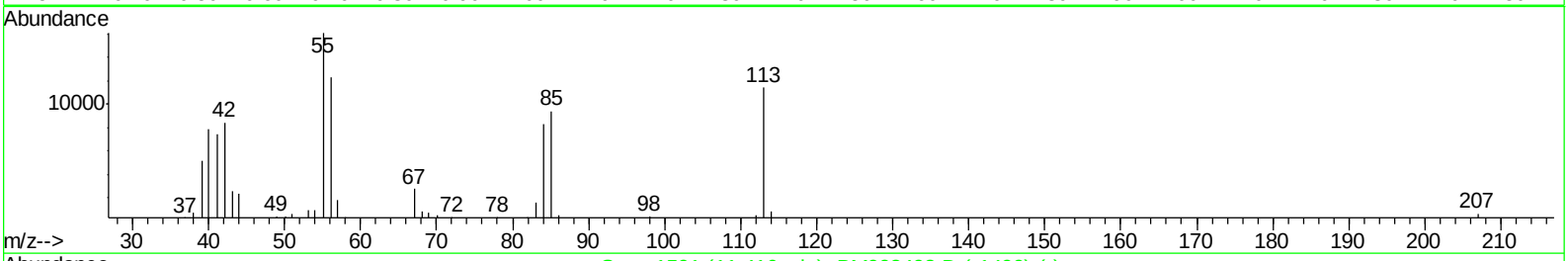

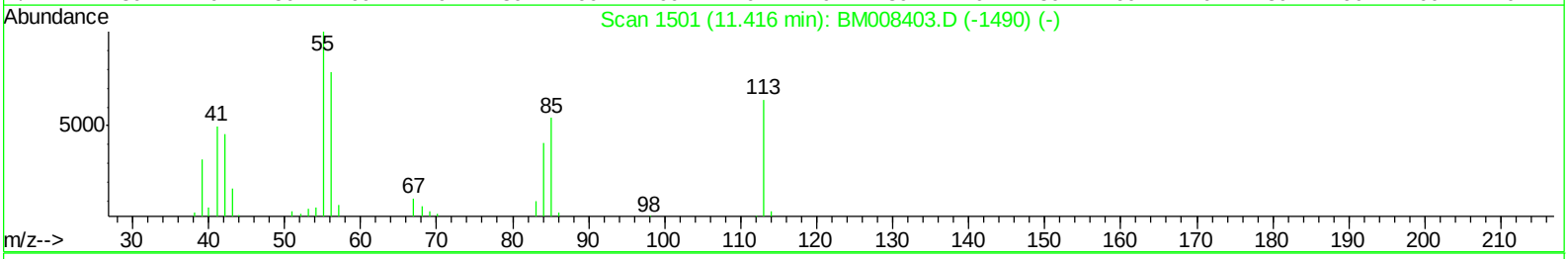

TIC: BM008418.D

(32) Caprolactam

11.410min (-0.006) 19.03ng/ul m

response 43533

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	141.00
56.00	114.10	108.34
0.00	0.00	0.00

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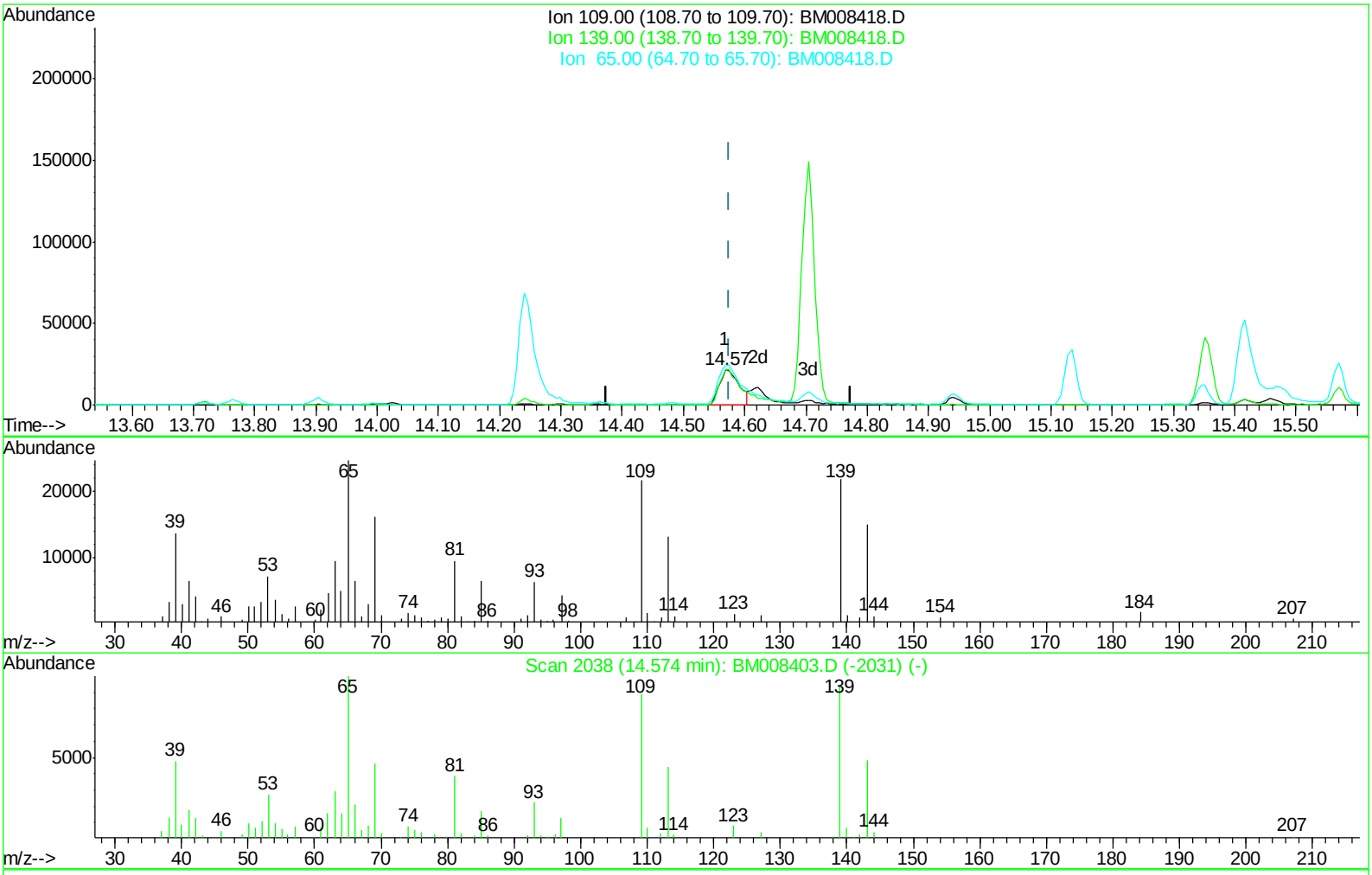

TIC: BM008418.D

(52) 4-Nitrophenol

14.569min (-0.006) 15.68ng/ul

response 48117

Ion	Exp%	Act%
109.00	100	100
139.00	104.10	101.37
65.00	116.20	114.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
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Instrument :
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LabSampleId :
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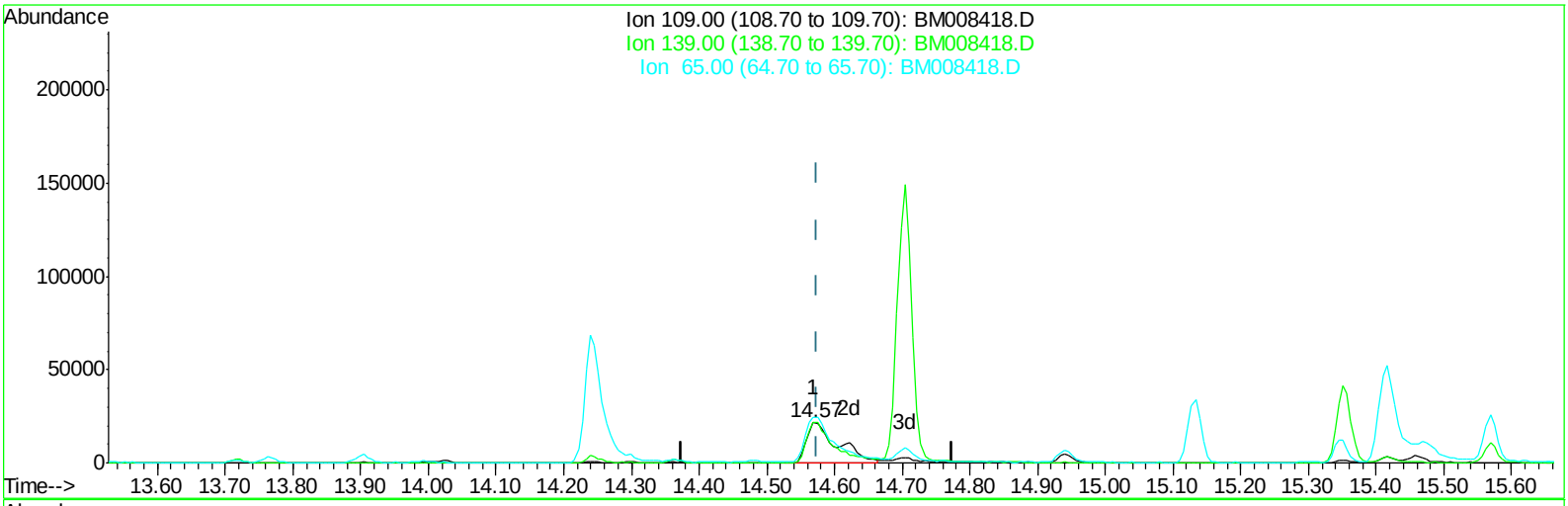

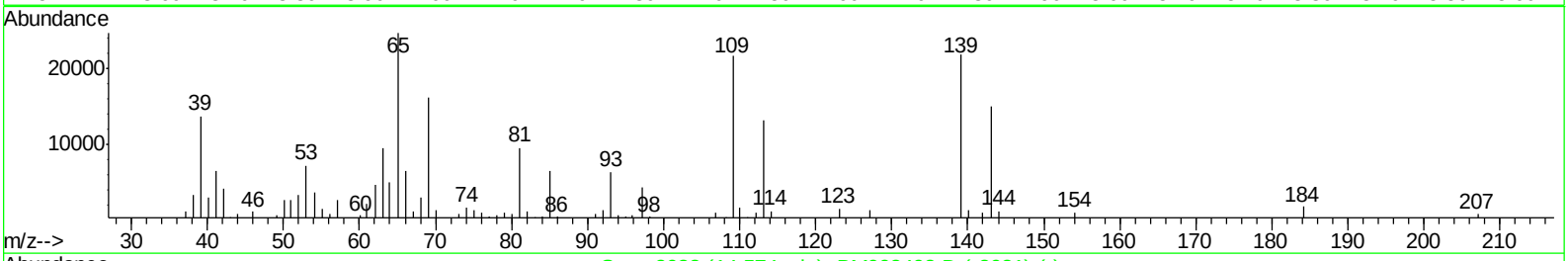

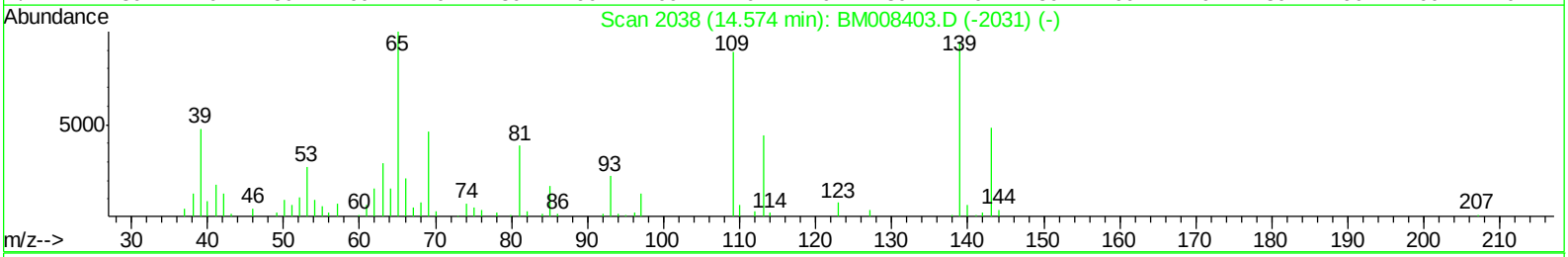

TIC: BM008418.D

(52) 4-Nitrophenol

14.569min (-0.006) 22.32ng/ul m

response 68490

Ion	Exp%	Act%
109.00	100	100
139.00	104.10	101.37
65.00	116.20	114.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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12/20/2016 10:51:37 AM

Quant Time: Dec 18 04:16:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	127321	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	492896	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	326707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	667095	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	867613	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	867961	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	23118	8.54	ng/uL	0.00
5) Phenol-d5	6.85	99	201761	20.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	120795	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	157637	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	156200	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	76578	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	84651	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	159252	22.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	182401	22.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	455496	20.97	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	560066	21.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	50191	15.69	ng/ul	0.00
57) Fluorene-d10	15.30	176	404663	21.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	70841	17.84	ng/ul	0.00
70) Anthracene-d10	17.16	188	626690	21.56	ng/ul	0.00
76) Pyrene-d10	19.46	212	744621	22.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	803138	22.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	27045	8.55	ng/uL#	96
4) Benzaldehyde	6.83	77	150860	23.08	ng/ul	96
6) Phenol	6.88	94	212439	20.71	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	159529	20.84	ng/ul	97
10) 2-Chlorophenol	7.23	128	162683	21.67	ng/ul	97
11) 2-Methylphenol	8.11	108	153754	20.48	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	187221	21.51	ng/ul	100
14) Acetophenone	8.49	105	252230	20.17	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	135120	21.02	ng/ul	98
16) 4-Methylphenol	8.44	108	166575	20.46	ng/ul	96
17) Hexachloroethane	8.71	117	73454	21.46	ng/ul	93
20) Nitrobenzene	8.86	77	203265	22.14	ng/ul	99
21) Isophorone	9.38	82	353863	21.43	ng/ul	100
23) 2-Nitrophenol	9.57	139	87248	21.61	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	194241	21.54	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	201479	21.49	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	158742	21.78	ng/ul	94
28) Naphthalene	10.48	128	503552	21.58	ng/ul	99
30) 4-Chloroaniline	10.62	127	185241	22.17	ng/ul	98
31) Hexachlorobutadiene	10.75	225	128341	21.66	ng/ul	97
32) Caprolactam	11.41	113	43533m	19.03	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	169583	21.50	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	362748	21.52	ng/ul	100

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	224615	21.96	ng/ul	100
37) Hexachlorocyclopentadiene	12.44	237	113733	27.53	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	125911	21.68	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	133659	21.10	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	472664	21.69	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	363052	21.73	ng/ul	98
42) 2-Nitroaniline	13.40	65	110369	22.33	ng/ul	99
44) Dimethylphthalate	13.76	163	447132	21.01	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	90859	21.91	ng/ul	96
47) Acenaphthylene	14.02	152	564206	21.60	ng/ul	98
48) 3-Nitroaniline	14.24	138	87878	21.27	ng/ul	93
49) Acenaphthene	14.36	153	390184	21.74	ng/ul	98
50) 2,4-Dinitrophenol	14.48	184	41281	17.16	ng/ul	98
52) 4-Nitrophenol	14.57	109	68490m	22.32	ng/ul	
53) Dibenzofuran	14.70	168	563475	21.54	ng/ul	97
54) 2,4-Dinitrotoluene	14.71	165	131010	21.10	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.94	232	122181	20.89	ng/ul	97
56) Diethylphthalate	15.13	149	448839	21.20	ng/ul	99
58) Fluorene	15.36	166	461436	21.47	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.35	204	244661	21.42	ng/ul	99
60) 4-Nitroaniline	15.42	138	82794	20.82	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	71040	17.46	ng/ul	94
64) N-Nitrosodiphenylamine	15.57	169	392573	21.62	ng/ul	95
65) 4-Bromophenyl-phenylether	16.25	248	159681	21.80	ng/ul	98
66) Hexachlorobenzene	16.36	284	177253	21.36	ng/ul	98
67) Atrazine	16.53	200	150668	20.25	ng/ul	98
68) Pentachlorophenol	16.72	266	81758	18.21	ng/ul	98
69) Phenanthrene	17.10	178	729165	21.33	ng/ul	100
71) Anthracene	17.19	178	752996	21.70	ng/ul	98
72) Carbazole	17.47	167	647199	21.18	ng/ul	99
73) Di-n-butylphthalate	18.02	149	726697	21.26	ng/ul	99
74) Fluoranthene	19.12	202	882666	21.02	ng/ul	99
77) Pyrene	19.49	202	936056	21.97	ng/ul	99
78) Butylbenzylphthalate	20.39	149	332344	21.75	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.18	252	328274	21.59	ng/ul	99
80) Benzo(a)anthracene	21.24	228	974485	21.73	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	483095	21.59	ng/ul	99
82) Chrysene	21.29	228	944820	21.91	ng/ul	100
84) Di-n-octyl phthalate	22.03	149	869955	20.89	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1043912	22.28	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	962977	21.48	ng/ul	99
88) Benzo(a)pyrene	23.39	252	990308	21.94	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.72	276	1201791	21.93	ng/ul	100
90) Dibenzo(a,h)anthracene	25.72	278	1007264	21.88	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	990150	21.60	ng/ul	99

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

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