Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080717\
Data File : BG028164.D
Acq On : 7 Aug 2017 20:22
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 02:21:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 08 02:19:05 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02099

Manual Integrations APPROVED
Sohil
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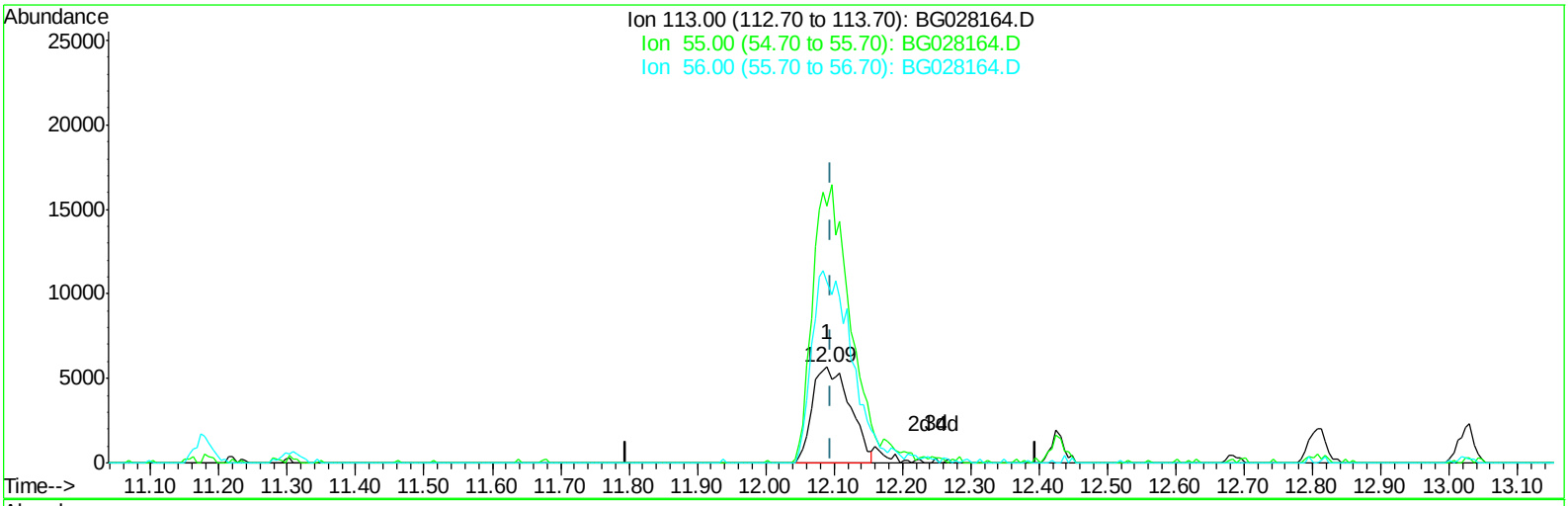

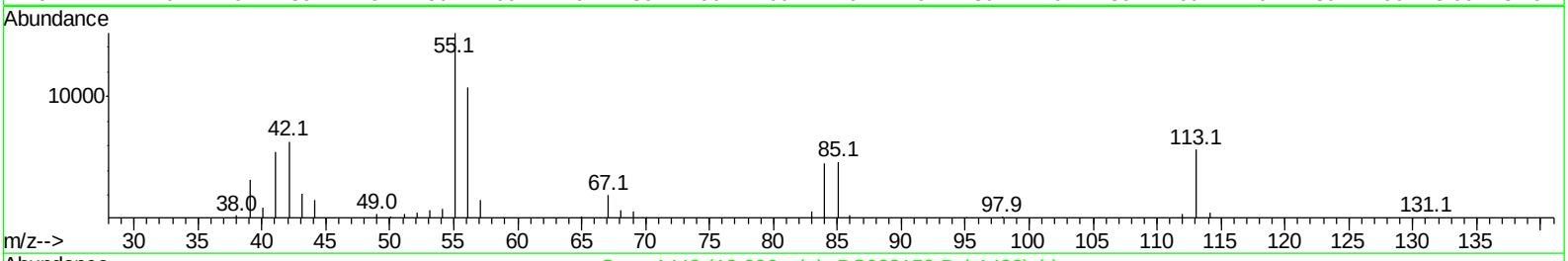

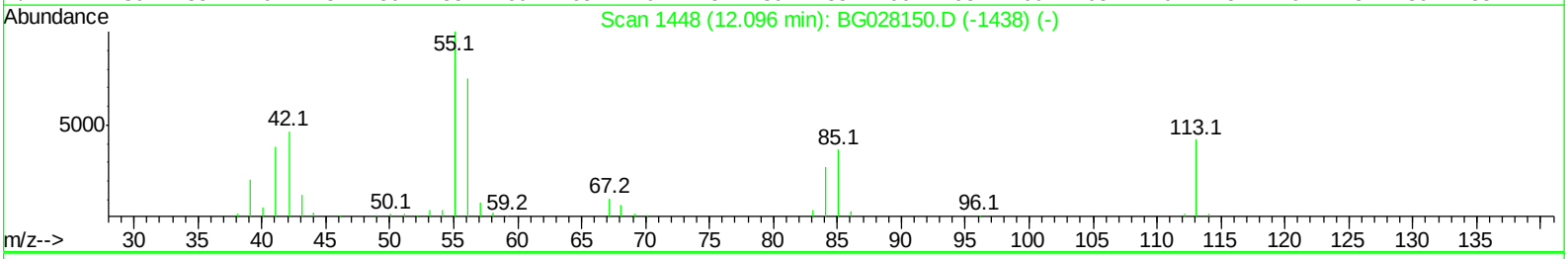

TIC: BG028164.D

(32) Caprolactam

12.090min (-0.006) 20.77ng/ul

response 21761

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	267.14#
56.00	160.60	188.43
0.00	0.00	0.00

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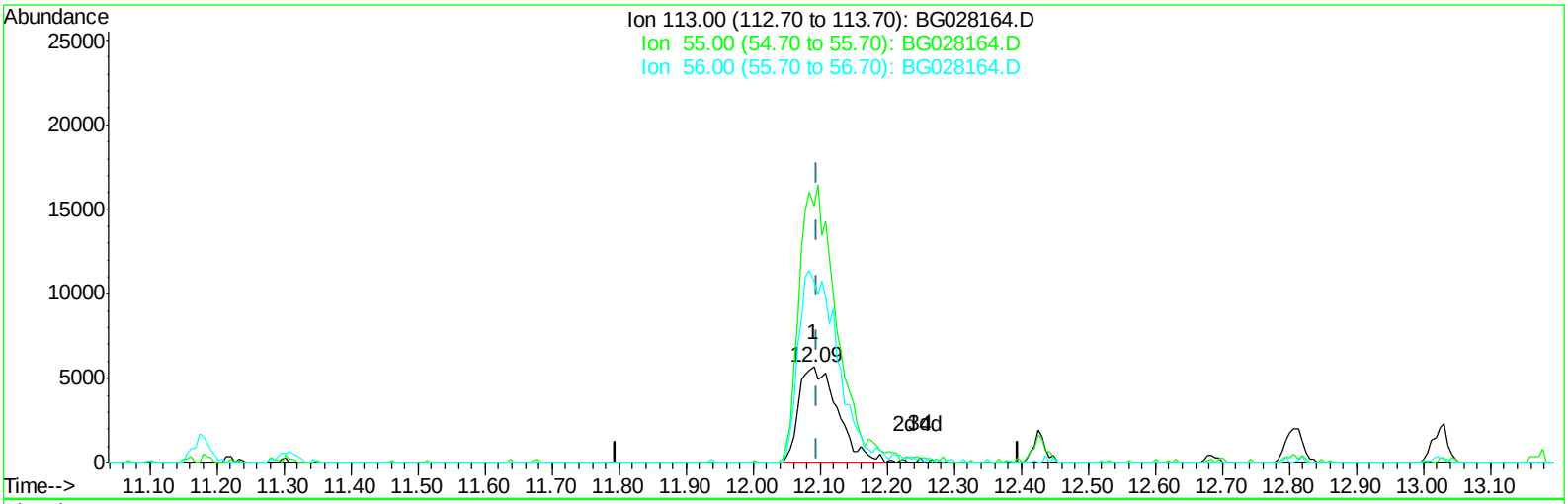

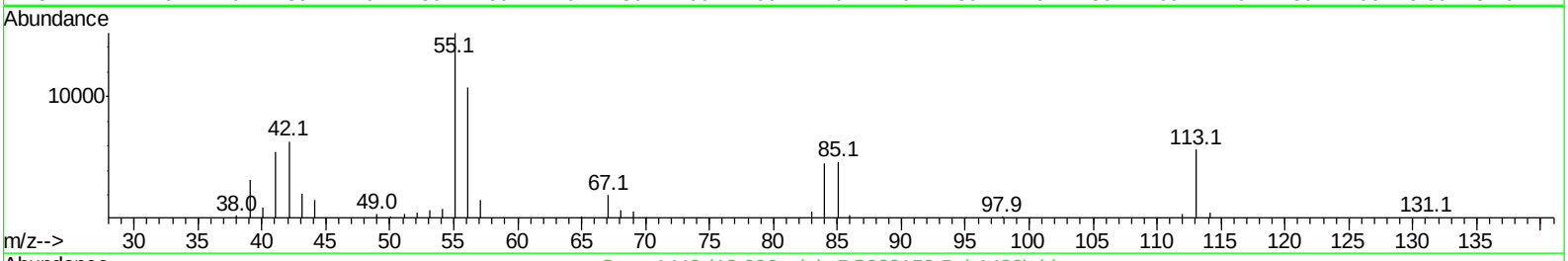

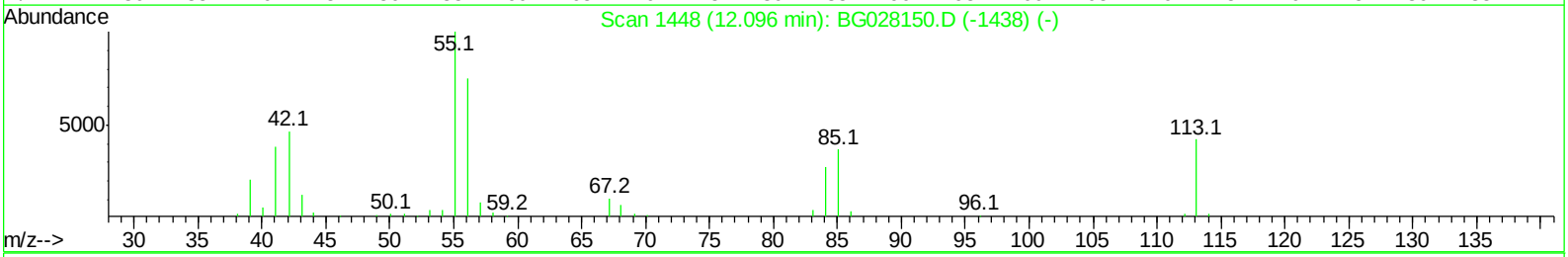

TIC: BG028164.D

(32) Caprolactam

12.090min (-0.006) 21.83ng/ul m

response 22867

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	267.14#
56.00	160.60	188.43
0.00	0.00	0.00

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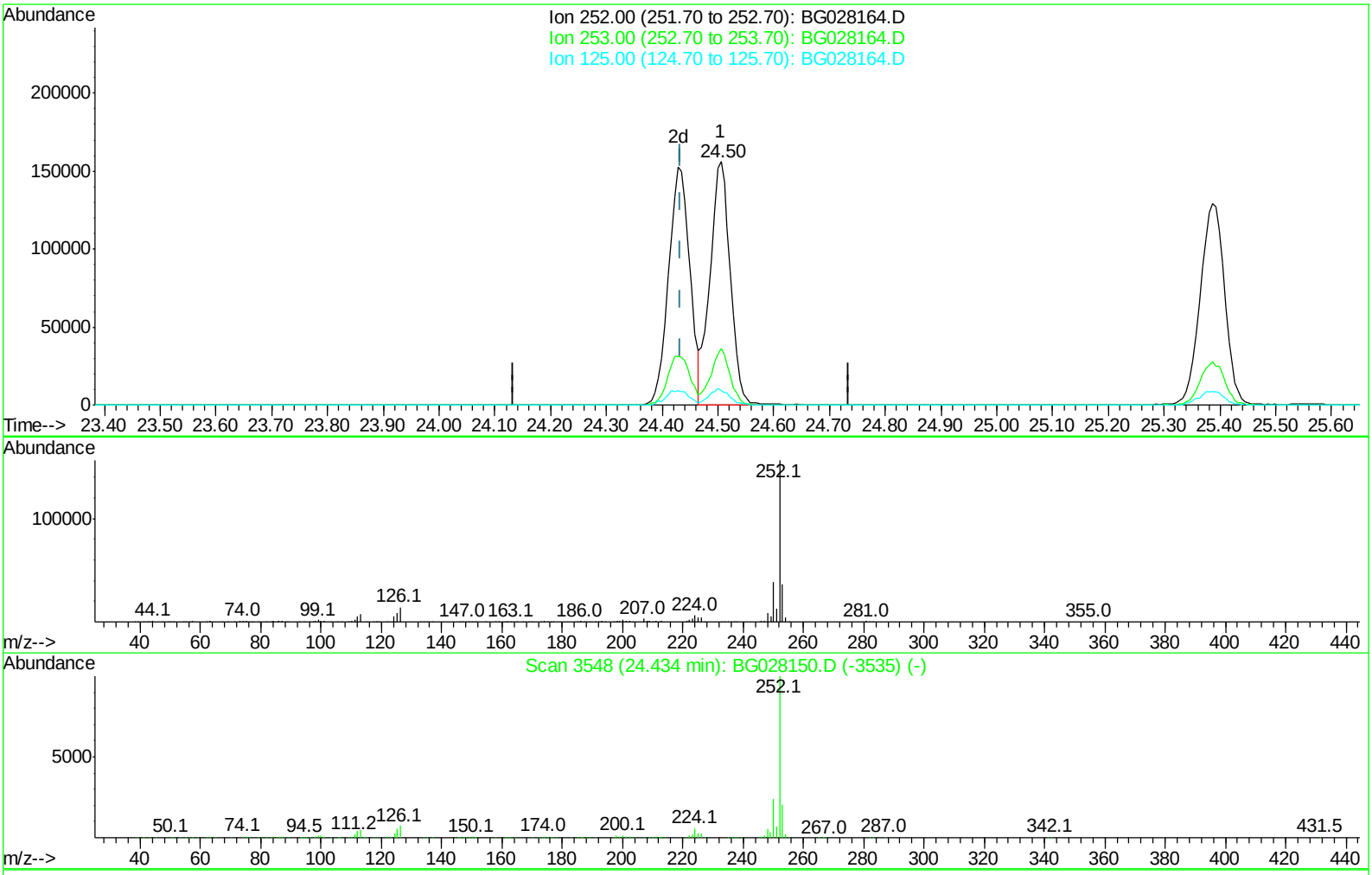

TIC: BG028164.D

(85) Benzo(b)fluoranthene

24.505min (+0.071) 19.55ng/ul

response 403190

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.17
125.00	5.00	5.77
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_G
LabSampleId :
SSTD02099

Manual Integrations APPROVED
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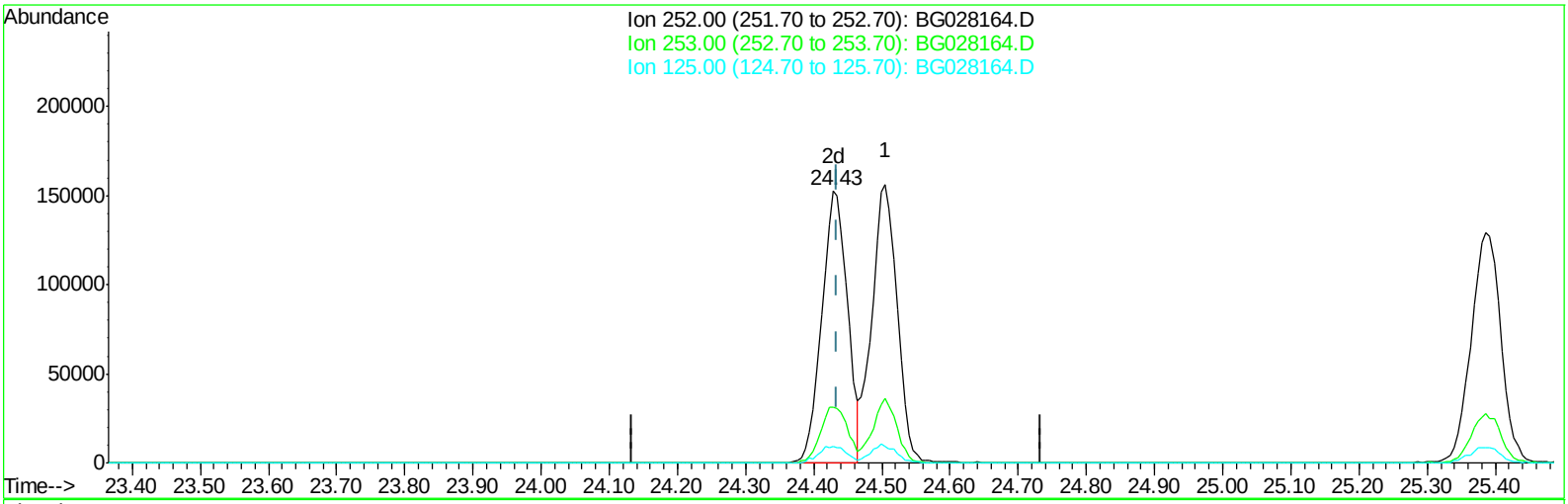

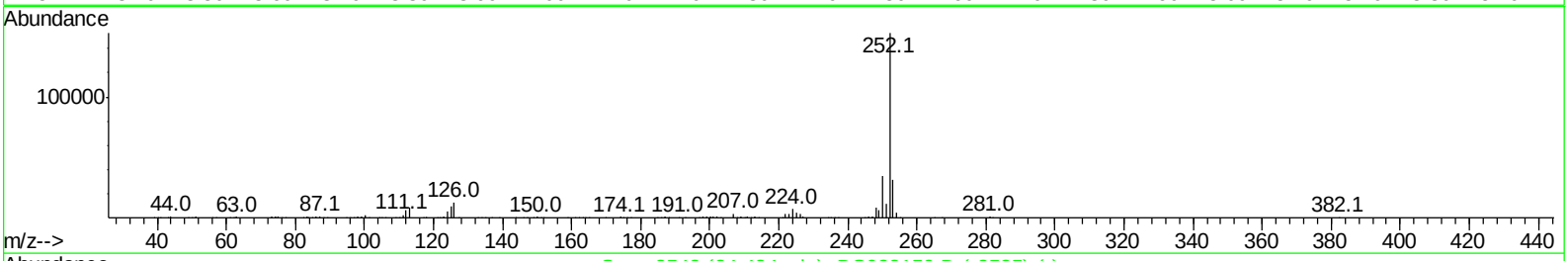

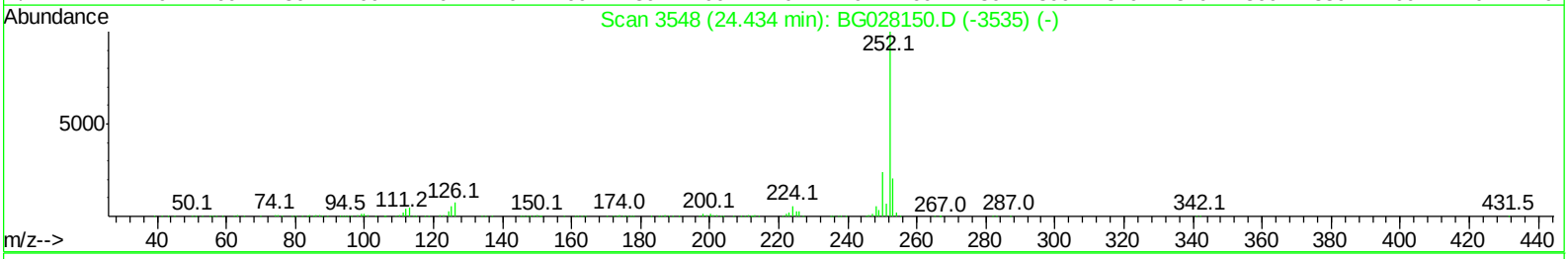

TIC: BG028164.D

(85) Benzo(b)fluoranthene

24.429min (-0.006) 19.27ng/ul m

response 397515

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	20.65
125.00	5.00	6.05#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG028164.D
Acq On : 7 Aug 2017 20:22
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
Sohil
8/9/2017 9:28:19 PM

Quant Time: Aug 08 03:52:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 08 02:19:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	35881	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	155998	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	114485	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	308701	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	366734	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	344648	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	5632	7.31	ng/uL	0.00
5) Phenol-d5	7.50	99	67995	17.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	46618	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	45574	18.33	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	55746	16.93	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	25248	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	29187	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	54859	19.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	70908	23.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	204143	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	228541	19.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	35550	21.96	ng/ul	0.00
57) Fluorene-d10	15.95	176	176966	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	38237	19.07	ng/ul	0.00
70) Anthracene-d10	17.81	188	294821	19.92	ng/ul	0.00
76) Pyrene-d10	20.09	212	360087	19.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	317367	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	7547	9.326	ng/uL#	82
4) Benzaldehyde	7.50	77	43941	19.295	ng/ul#	85
6) Phenol	7.53	94	68719	17.547	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.77	93	49703	18.630	ng/ul	90
10) 2-Chlorophenol	7.92	128	45501	18.782	ng/ul	98
11) 2-Methylphenol	8.79	108	46946	16.982	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.88	45	118380	18.280	ng/ul#	92
14) Acetophenone	9.18	105	82653	17.596	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.15	70	48969	18.343	ng/ul	95
16) 4-Methylphenol	9.11	108	53962	17.288	ng/ul	99
17) Hexachloroethane	9.45	117	19610	19.534	ng/ul	91
20) Nitrobenzene	9.57	77	69621	19.716	ng/ul	97
21) Isophorone	10.08	82	133926	19.963	ng/ul#	96
23) 2-Nitrophenol	10.28	139	27838	20.617	ng/ul	87
24) 2,4-Dimethylphenol	10.32	107	67091	19.991	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	74923	20.503	ng/ul	97
27) 2,4-Dichlorophenol	10.82	162	48819	19.380	ng/ul	95
28) Naphthalene	11.23	128	152777	19.774	ng/ul	98
30) 4-Chloroaniline	11.33	127	63823	21.375	ng/ul	96
31) Hexachlorobutadiene	11.50	225	38555	20.735	ng/ul	95
32) Caprolactam	12.09	113	22867m	21.830	ng/ul	
33) 4-Chloro-3-methylphenol	12.43	107	64362	20.017	ng/ul	96
34) 2-Methylnaphthalene	12.81	142	122806	19.789	ng/ul	94

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Sohil
8/9/2017 9:28:19 PM

Quant Time: Aug 08 03:52:27 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 08 02:19:05 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	72768	19.719	ng/ul	97
37) Hexachlorocyclopentadiene	13.15	237	35560	17.464	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.40	196	48713	21.180	ng/ul	91
39) 2,4,5-Trichlorophenol	13.48	196	50923	20.313	ng/ul	96
40) 1,1'-Biphenyl	13.80	154	168813	20.189	ng/ul	99
41) 2-Chloronaphthalene	13.85	162	125705	19.024	ng/ul	96
42) 2-Nitroaniline	14.05	65	56148	20.267	ng/ul	97
44) Dimethylphthalate	14.40	163	187855	20.037	ng/ul	100
45) 2,6-Dinitrotoluene	14.53	165	39629	20.472	ng/ul	95
47) Acenaphthylene	14.69	152	217169	19.794	ng/ul	99
48) 3-Nitroaniline	14.87	138	36069	20.693	ng/ul#	98
49) Acenaphthene	15.03	153	147792	19.965	ng/ul	95
50) 2,4-Dinitrophenol	15.07	184	21168	19.408	ng/ul#	83
52) 4-Nitrophenol	15.16	109	34548	20.595	ng/ul#	74
53) Dibenzofuran	15.36	168	211578	19.603	ng/ul	97
54) 2,4-Dinitrotoluene	15.32	165	61387	20.925	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.59	232	47716	20.437	ng/ul#	91
56) Diethylphthalate	15.76	149	219566	19.963	ng/ul	97
58) Fluorene	16.01	166	186509	19.518	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	98358	19.186	ng/ul	87
60) 4-Nitroaniline	16.03	138	44244	21.395	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.08	198	40138	19.739	ng/ul#	95
64) N-Nitrosodiphenylamine	16.20	169	158500	19.516	ng/ul	96
65) 4-Bromophenyl-phenylether	16.89	248	65744	19.815	ng/ul	90
66) Hexachlorobenzene	17.01	284	73041	20.679	ng/ul	97
67) Atrazine	17.14	200	74310	20.987	ng/ul	98
68) Pentachlorophenol	17.36	266	34354	19.202	ng/ul	94
69) Phenanthrene	17.75	178	314097	20.218	ng/ul	99
71) Anthracene	17.85	178	321086	20.222	ng/ul	99
72) Carbazole	18.12	167	287159	20.795	ng/ul	99
73) Di-n-butylphthalate	18.64	149	368717	21.450	ng/ul	97
74) Fluoranthene	19.75	202	396080	20.978	ng/ul	98
77) Pyrene	20.12	202	413336	18.891	ng/ul	98
78) Butylbenzylphthalate	20.98	149	167852	20.478	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.93	252	140355	19.837	ng/ul#	99
80) Benzo(a)anthracene	22.03	228	420719	19.855	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	238175	20.432	ng/ul	99
82) Chrysene	22.10	228	378987	19.859	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	409886	19.845	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	397515m	19.274	ng/ul	
86) Benzo(k)fluoranthene	24.50	252	403190	20.014	ng/ul	100
88) Benzo(a)pyrene	25.39	252	393831	19.722	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.58	276	458318	19.599	ng/ul#	98
90) Dibenzo(a,h)anthracene	29.63	278	387523	19.772	ng/ul#	92
91) Benzo(g,h,i)perylene	30.84	276	376459	19.569	ng/ul	97

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

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