Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024728.D
Acq On : 06 Feb 2020 14:11
Operator : CG/JU
Sample : SSTD02002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 06 15:10:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02002

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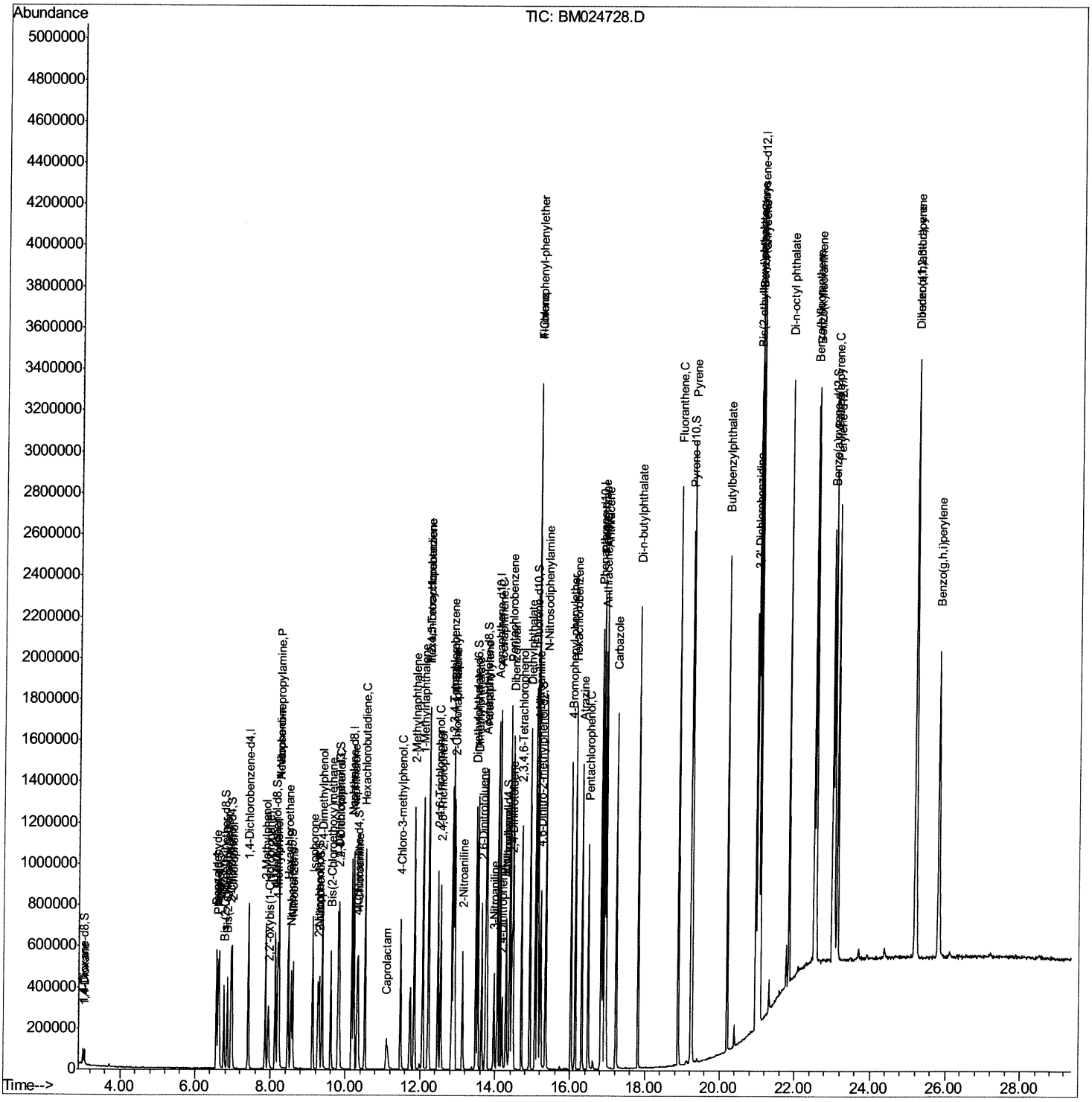

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024728.D
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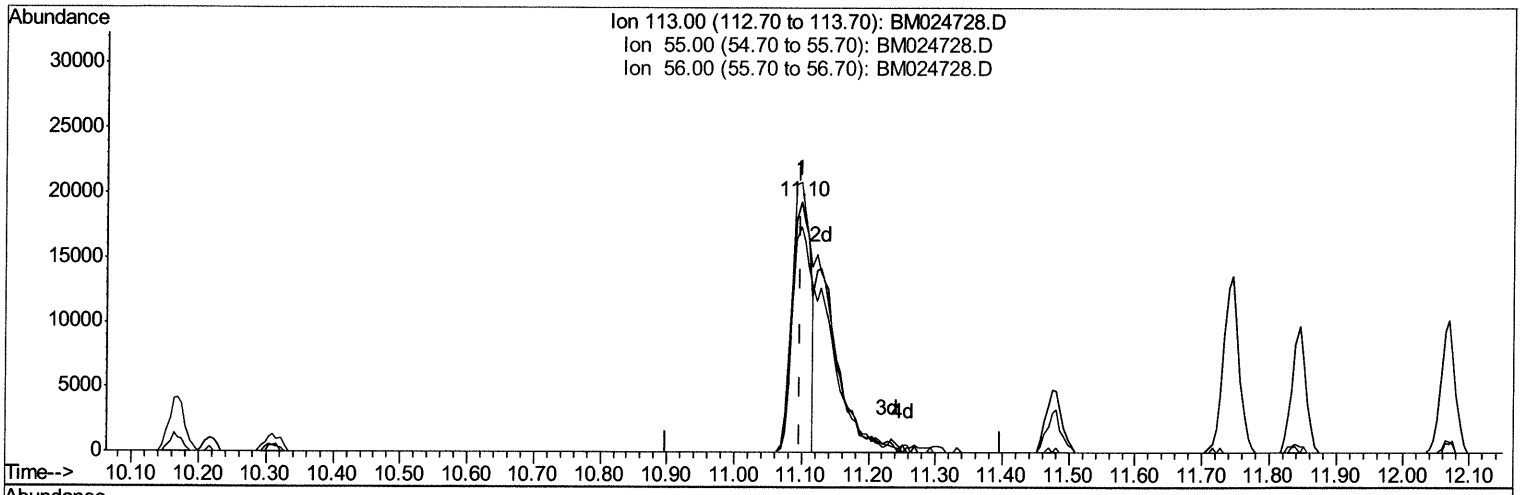

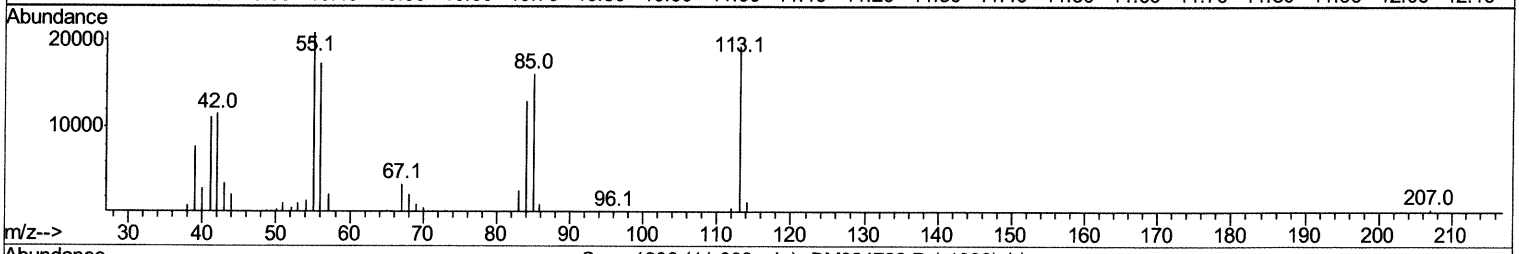

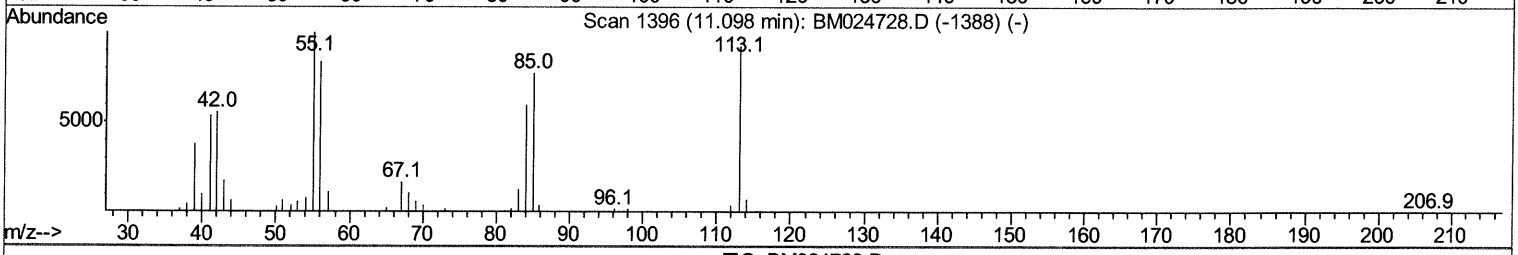

TIC: BM024728.D

(32) Caprolactam

11.098min (0.000) 8.51ng/ul

response 36311

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	107.73
56.00	89.90	89.87
0.00	0.00	0.00

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
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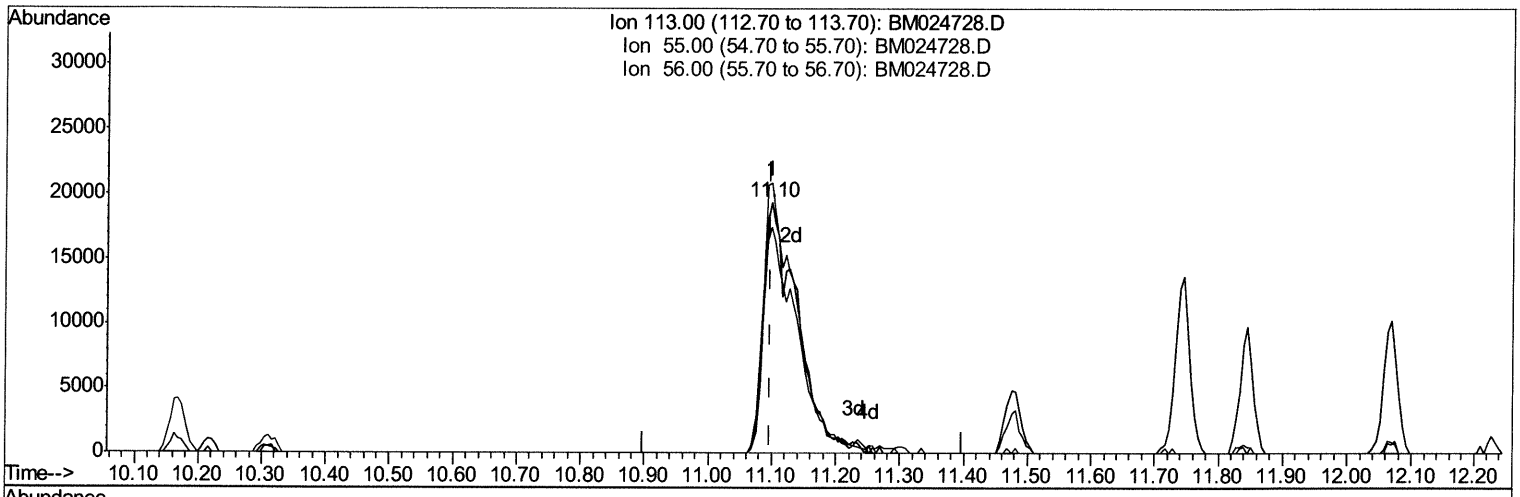

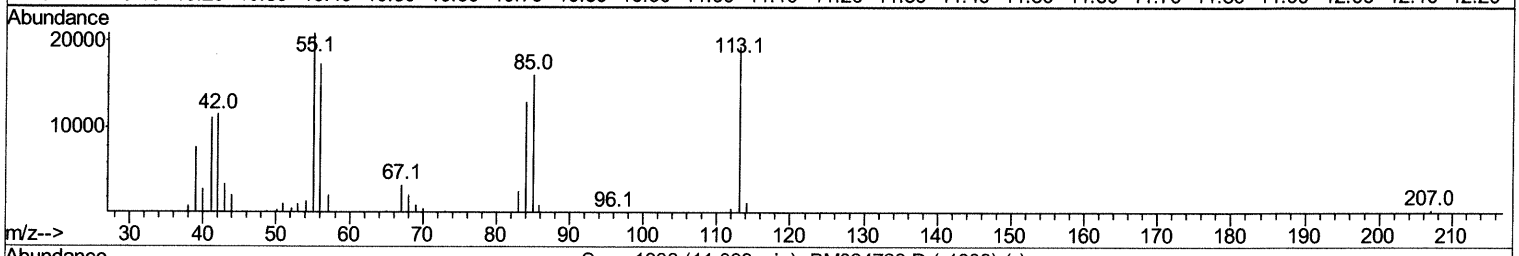

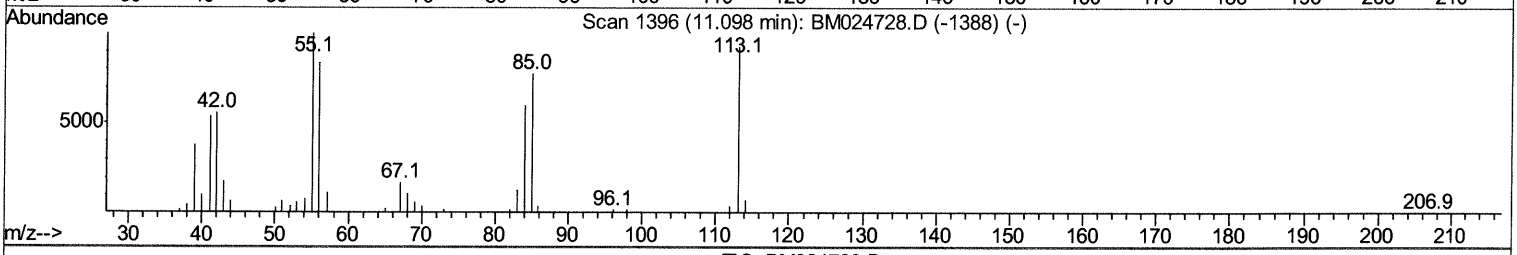

TIC: BM024728.D

(32) Caprolactam

11.098min (0.000) 16.65ng/ul m JU 02/12/20

response 71054

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	107.73
56.00	89.90	89.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
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Acq On : 06 Feb 2020 14:11
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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 06 15:10:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02002

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	223987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	852485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	586204	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1317374	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1372510	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1536439	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	37214	8.12	ng/uL	0.00
5) Phenol-d5	6.61	99	282451	17.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	164567	17.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	264476	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	237013	15.48	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	123113	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	142392	21.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	288010	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	256620	15.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	856030	18.64	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1019887	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	131067	17.10	ng/ul	0.00
58) Fluorene-d10	15.07	176	760338	18.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	155658	20.70	ng/ul	0.00
71) Anthracene-d10	16.92	188	1181746	19.29	ng/ul	0.00
79) Pyrene-d10	19.22	212	1355090	18.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1530511	19.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	38298	8.046	ng/uL	100
4) Benzaldehyde	6.56	77	196722	22.341	ng/ul	100
6) Phenol	6.63	94	294451	17.453	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.85	93	243503	18.428	ng/ul	100
10) 2-Chlorophenol	6.98	128	267946	18.882	ng/ul	100
11) 2-Methylphenol	7.86	108	228840	16.550	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.95	45	195889	12.544	ng/ul	100
14) Acetophenone	8.22	105	372456	15.500	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.22	70	183839	16.182	ng/ul	100
16) 4-Methylphenol	8.19	108	249382	16.196	ng/ul	100
17) Hexachloroethane	8.47	117	121872	19.244	ng/ul	100
20) Nitrobenzene	8.59	77	287265	19.817	ng/ul	100
21) Isophorone	9.12	82	520822	18.249	ng/ul	100
23) 2-Nitrophenol	9.30	139	158036	22.281	ng/ul	100
24) 2,4-Dimethylphenol	9.37	107	287270	18.660	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.61	93	331360	20.179	ng/ul	100
27) 2,4-Dichlorophenol	9.83	162	289071	20.406	ng/ul	100
28) Naphthalene	10.22	128	849862	19.460	ng/ul	100
30) 4-Chloroaniline	10.33	127	255926	16.040	ng/ul	100
31) Hexachlorobutadiene	10.52	225	238620	21.163	ng/ul	100
32) Caprolactam	11.10	113	71054m >	16.652	ng/ul >	JU 02/12/20
33) 4-Chloro-3-methylphenol	11.47	107	259511	17.626	ng/ul	100
34) 2-Methylnaphthalene	11.85	142	626141	18.477	ng/ul	100

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Misc :
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Feb 06 15:10:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	619149	18.022 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	414454	21.490 ng/ul	100
38) Hexachlorocyclopentadiene	12.22	237	269616	19.329 ng/ul	100
39) 2,4,6-Trichlorophenol	12.48	196	253062	21.447 ng/ul	100
40) 2,4,5-Trichlorophenol	12.55	196	261760	20.720 ng/ul	100
41) 1,1'-Biphenyl	12.89	154	847680	19.918 ng/ul	100
42) 2-Chloronaphthalene	12.92	162	694479	20.284 ng/ul	100
43) 2-Nitroaniline	13.13	65	146479	18.674 ng/ul	100
45) Dimethylphthalate	13.53	163	896478	19.200 ng/ul	100
46) 2,6-Dinitrotoluene	13.64	165	184490	20.998 ng/ul	100
48) Acenaphthylene	13.77	152	1046540	19.381 ng/ul	100
49) 3-Nitroaniline	13.97	138	131425	18.143 ng/ul	100
50) Acenaphthene	14.13	153	701905	19.205 ng/ul	100
51) 2,4-Dinitrophenol	14.19	184	92459	19.260 ng/ul	100
53) 4-Nitrophenol	14.30	109	108535	15.226 ng/ul	100
54) Dibenzofuran	14.47	168	1053869	19.684 ng/ul	100
55) 2,4-Dinitrotoluene	14.44	165	261716	19.923 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.70	232	254426	20.751 ng/ul	100
57) Diethylphthalate	14.92	149	883457	18.428 ng/ul	100
59) Fluorene	15.12	166	861331	19.027 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	494822	19.163 ng/ul	100
61) 4-Nitroaniline	15.14	138	161848	18.732 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.21	198	168578	21.196 ng/ul	100
65) N-Nitrosodiphenylamine	15.34	169	733475	20.046 ng/ul	100
66) 4-Bromophenyl-phenylether	16.02	248	328178	21.013 ng/ul	100
67) Hexachlorobenzene	16.13	284	385046	21.469 ng/ul	100
68) Atrazine	16.31	200	307123	19.946 ng/ul	100
69) Pentachlorophenol	16.48	266	216878	20.311 ng/ul	100
70) Phenanthrene	16.86	178	1414135	19.905 ng/ul	100
72) Anthracene	16.95	178	1427490	19.703 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	439551	23.464 ng/uL	100
74) Pentachlorobenzene	14.39	250	461821	23.288 ng/uL	100
75) Carbazole	17.22	167	1180718	19.369 ng/ul	100
76) Di-n-butylphthalate	17.82	149	1538701	20.078 ng/ul	100
77) Fluoranthene	18.89	202	1743574	20.080 ng/ul	100
80) Pyrene	19.25	202	1785492	19.003 ng/ul	100
81) Butylbenzylphthalate	20.19	149	678706	20.568 ng/ul	100
82) 3,3'-Dichlorobenzidine	20.96	252	599639	20.302 ng/ul	100
83) Benzo(a)anthracene	21.01	228	1816202	19.425 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	1089962	20.866 ng/ul	100
85) Chrysene	21.07	228	1784190	19.804 ng/ul	100
87) Di-n-octyl phthalate	21.84	149	1846605	17.559 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1934619	19.051 ng/ul	100
89) Benzo(k)fluoranthene	22.56	252	1864004	18.677 ng/ul	100
91) Benzo(a)pyrene	23.04	252	1725200	19.549 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	2128943	23.056 ng/ul	100
93) Dibenzo(a,h)anthracene	25.21	278	1818440	23.204 ng/ul	100
94) Benzo(g,h,i)perylene	25.81	276	1761993	24.010 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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