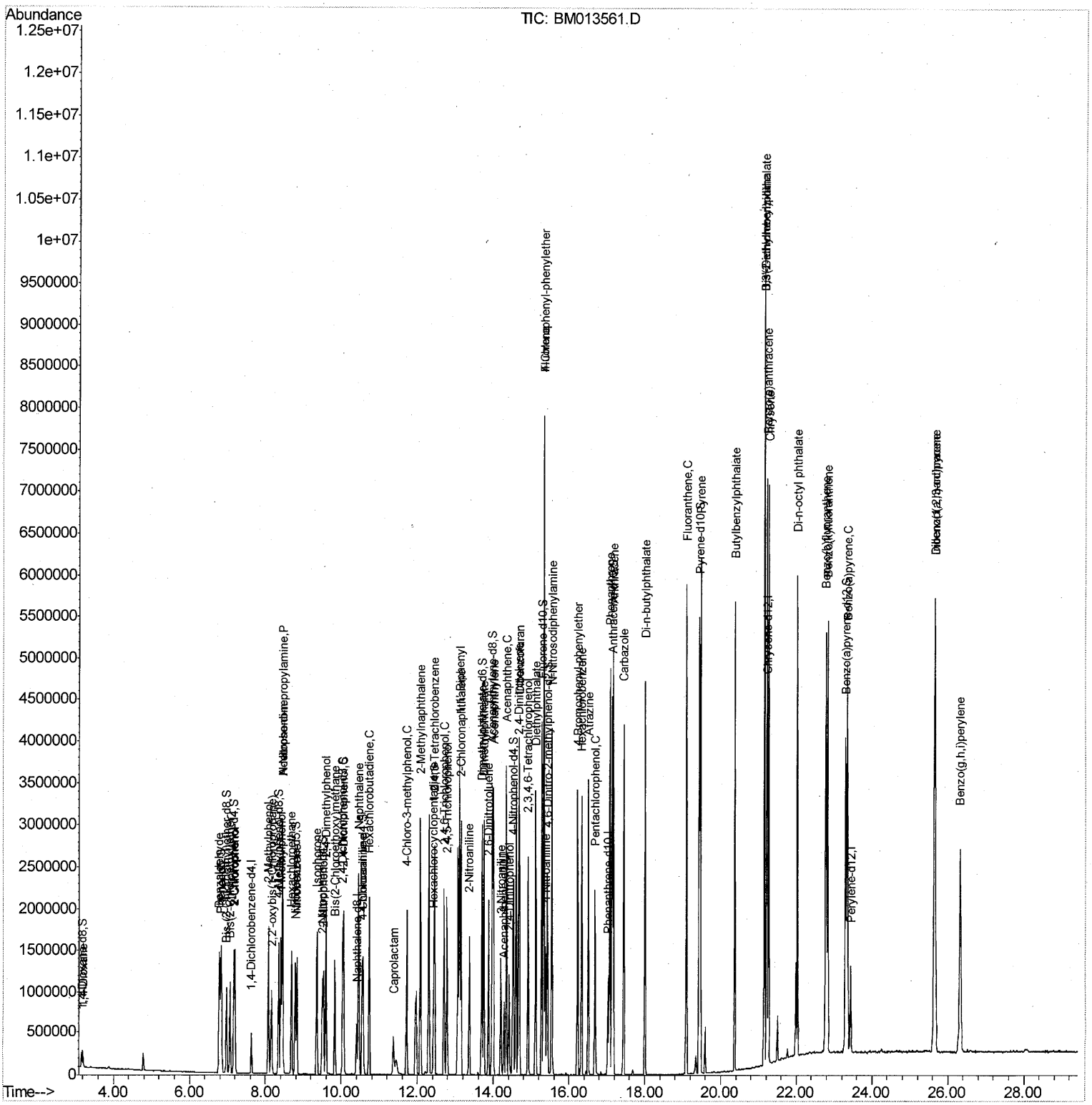
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013561.D
Acq On : 10 Jan 2018 11:36
Operator : SJ/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 10 12:32:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 12:03:11 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08012

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:15 PM

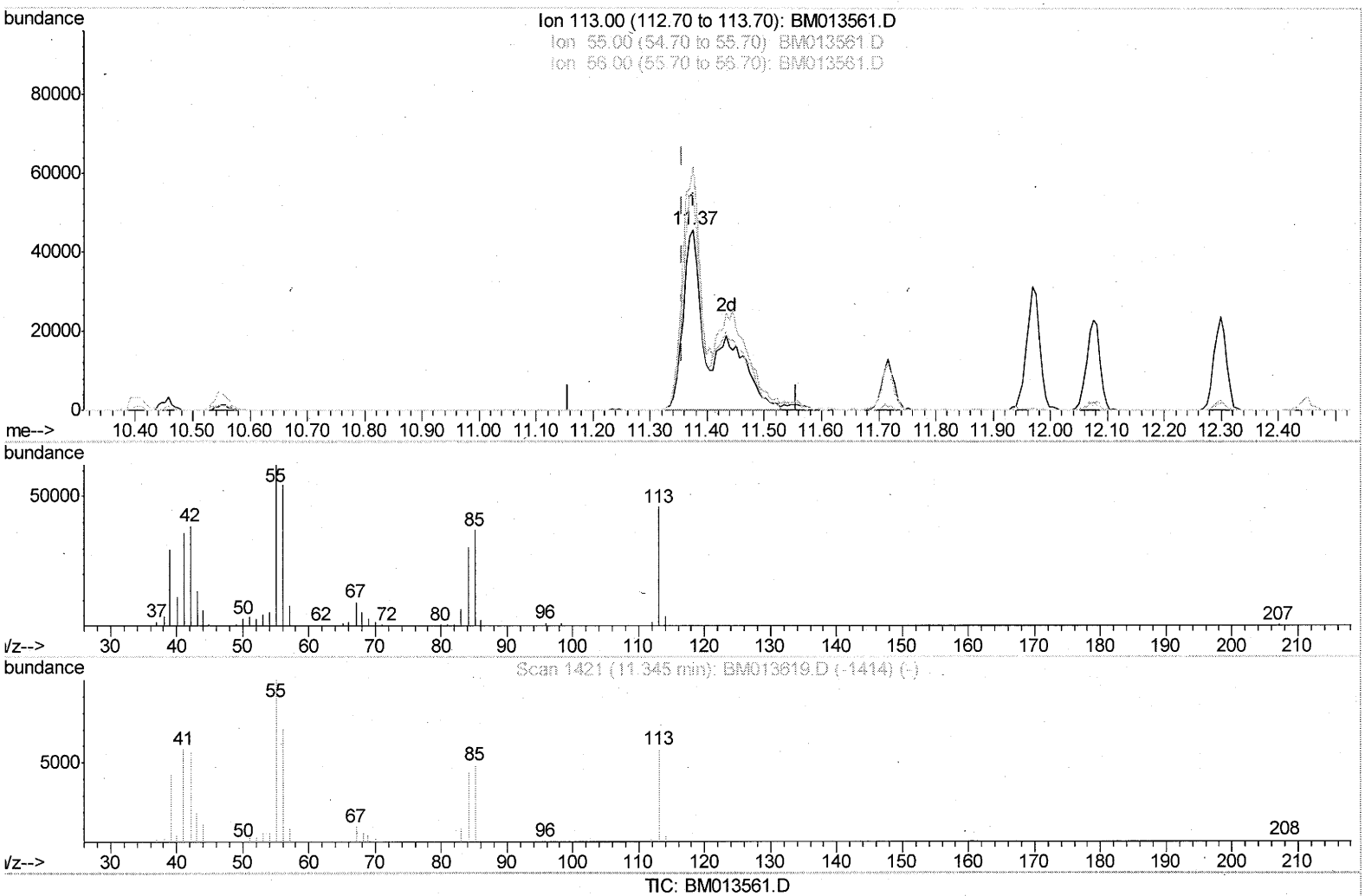


Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013561.D
Acq On : 10 Jan 2018 11:36
Operator : SJ/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 10 12:32:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 12:03:11 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08012

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:15 PM



TIC: BM013561.D

(32) Caprolactam

11.375min (+0.017) 73.61ng/ul m JU 01/18/18

response 170630

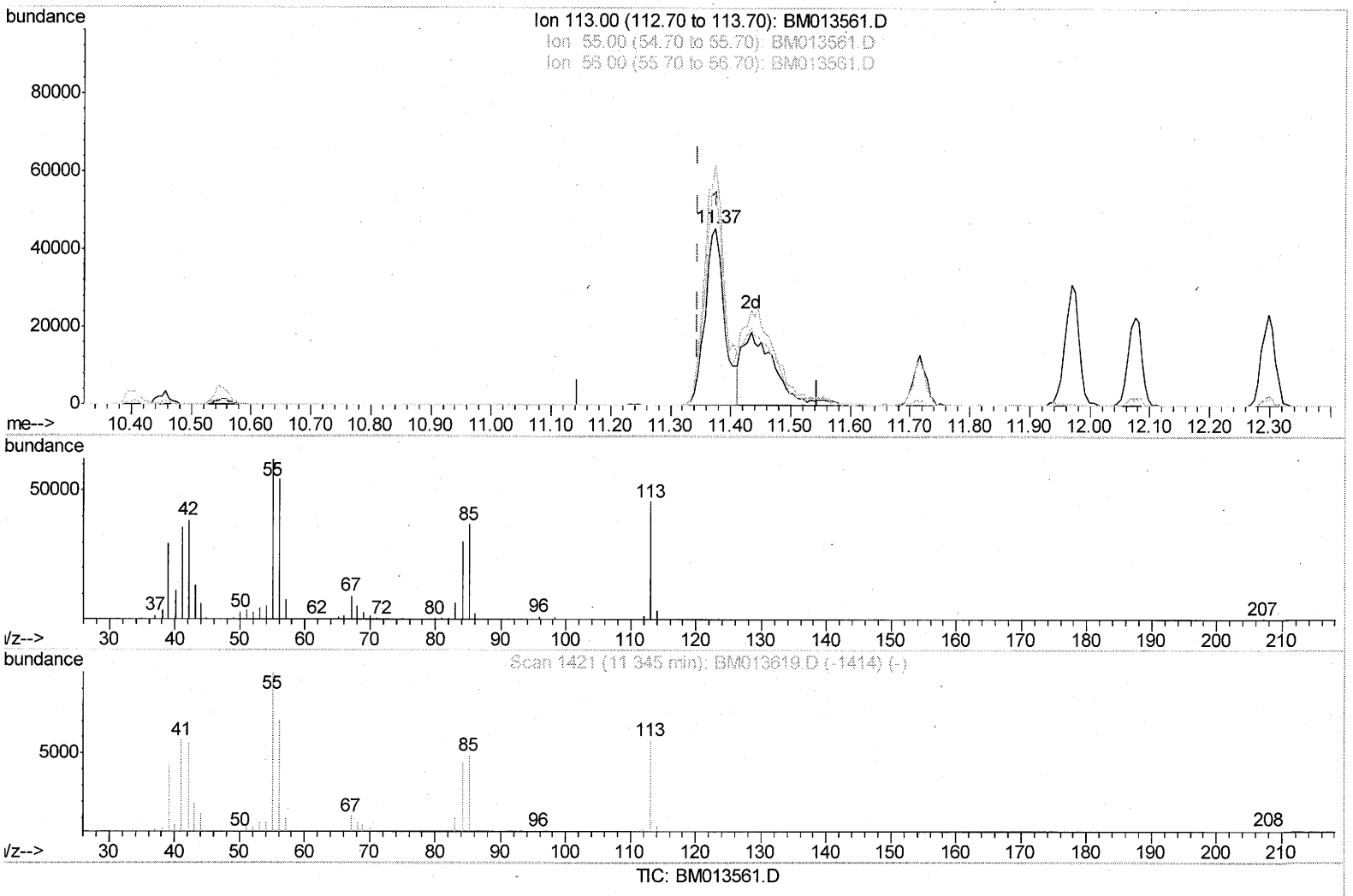
Ion	Exp%	Act%
113.00	100	100
55.00	260.00	135.50#
56.00	200.00	119.27#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013561.D
Acq On : 10 Jan 2018 11:36
Operator : SJ/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 18 11:20:26 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08012

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:15 PM



TIC: BM013561.D

(32) Caprolactam

11.375min (+0.029) 53.81ng/ul

response 102596

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	135.50#
56.00	200.00	119.27#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013561.D
Acq On : 10 Jan 2018 11:36
Operator : SJ/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 10 12:32:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 12:03:11 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08012

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	112005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	448949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	275764	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	648947	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	742199	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	712822	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	81995	36.26	ng/uL	0.00
5) Phenol-d5	6.81	99	698404	72.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	413355	74.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	578168	76.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	537146	64.88	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	281832	79.16	ng/ul	0.01
22) 2-Nitrophenol-d4	9.50	143	306017	80.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	597152	76.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	545241	75.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1823467	74.31	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2330463	76.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	320683	75.21	ng/ul	0.01
57) Fluorene-d10	15.27	176	1603225	75.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	349298	85.56	ng/ul	0.00
70) Anthracene-d10	17.13	188	2569781	79.07	ng/ul	0.00
76) Pyrene-d10	19.43	212	2843495	76.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	2679985	73.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	87275	34.375	ng/uL#	63
4) Benzaldehyde	6.78	77	453700	94.617	ng/ul	91
6) Phenol	6.84	94	697581	72.818	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.06	93	535839	73.156	ng/ul	98
10) 2-Chlorophenol	7.20	128	567541	76.434	ng/ul	96
11) 2-Methylphenol	8.07	108	529131	71.415	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.16	45	546807	71.099	ng/ul#	83
14) Acetophenone	8.45	105	893842	70.995	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.45	70	453740	71.547	ng/ul#	71
16) 4-Methylphenol	8.41	108	555773	70.145	ng/ul	95
17) Hexachloroethane	8.69	117	255038	78.892	ng/ul	80
20) Nitrobenzene	8.83	77	705315	78.642	ng/ul	95
21) Isophorone	9.36	82	1176827	74.571	ng/ul#	94
23) 2-Nitrophenol	9.53	139	322428	81.620	ng/ul#	82
24) 2,4-Dimethylphenol	9.60	107	650029	75.445	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.83	93	708041	76.660	ng/ul	95
27) 2,4-Dichlorophenol	10.06	162	577714	79.652	ng/ul#	91
28) Naphthalene	10.46	128	1836434	79.507	ng/ul	99
30) 4-Chloroaniline	10.57	127	558509	79.937	ng/ul	97
31) Hexachlorobutadiene	10.73	225	426285	81.139	ng/ul	95
32) Caprolactam	11.37	113	170630m>	73.609	ng/ul	> 97
33) 4-Chloro-3-methylphenol	11.72	107	603751	75.882	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	1362012	78.442	ng/ul	97

JU 01/18/18

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013561.D
Acq On : 10 Jan 2018 11:36
Operator : SJ/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 10 12:32:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 12:03:11 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08012

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	786303	79.021	ng/ul	97
37) Hexachlorocyclopentadiene	12.42	237	366839	56.011	ng/ul	98
38) 2,4,6-Trichlorophenol	12.70	196	504738	81.364	ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	504473	76.557	ng/ul	97
40) 1,1'-Biphenyl	13.10	154	1821851	78.171	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	1414664	77.369	ng/ul	99
42) 2-Nitroaniline	13.36	65	430840	80.425	ng/ul	98
44) Dimethylphthalate	13.75	163	1769873	75.408	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	367746	76.824	ng/ul	96
47) Acenaphthylene	14.00	152	2136226	76.229	ng/ul	99
48) 3-Nitroaniline	14.20	138	287286	67.143	ng/ul	94
49) Acenaphthene	14.35	153	1458034	76.376	ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	231911	87.547	ng/ul#	89
52) 4-Nitrophenol	14.52	109	317429	75.891	ng/ul#	81
53) Dibenzofuran	14.68	168	2163699	76.775	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	559605	80.364	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.91	232	491321	81.319	ng/ul#	90
56) Diethylphthalate	15.12	149	1822806	77.434	ng/ul	94
58) Fluorene	15.33	166	1840032	78.923	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.33	204	962584	76.069	ng/ul	97
60) 4-Nitroaniline	15.37	138	348978	69.129	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.43	198	353741	86.711	ng/ul#	91
64) N-Nitrosodiphenylamine	15.55	169	1540225	80.571	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	614343	80.531	ng/ul	99
66) Hexachlorobenzene	16.33	284	648791	77.120	ng/ul#	92
67) Atrazine	16.51	200	622133	88.171	ng/ul	93
68) Pentachlorophenol	16.69	266	374232	76.912	ng/ul	98
69) Phenanthrene	17.07	178	2895283	78.531	ng/ul	98
71) Anthracene	17.16	178	2983239	79.162	ng/ul	99
72) Carbazole	17.44	167	2511779	77.490	ng/ul	99
73) Di-n-butylphthalate	18.00	149	3172711	83.844	ng/ul	98
74) Fluoranthene	19.09	202	3516525	77.833	ng/ul#	91
77) Pyrene	19.46	202	3613179	80.131	ng/ul#	91
78) Butylbenzylphthalate	20.37	149	1454511	82.559	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.15	252	1046709	67.088	ng/ul	97
80) Benzo(a)anthracene	21.21	228	3591669	76.271	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	2171604	81.777	ng/ul#	97
82) Chrysene	21.26	228	3200168	73.250	ng/ul	99
84) Di-n-octyl phthalate	22.02	149	3562198	70.275	ng/ul	98
85) Benzo(b)fluoranthene	22.77	252	3526542	73.389	ng/ul#	99
86) Benzo(k)fluoranthene	22.82	252	3392500	75.021	ng/ul#	96
88) Benzo(a)pyrene	23.34	252	3318024	76.867	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.64	276	3792606	88.551	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.66	278	3217681	88.230	ng/ul#	96
91) Benzo(g,h,i)perylene	26.31	276	3117592	92.281	ng/ul#	95

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