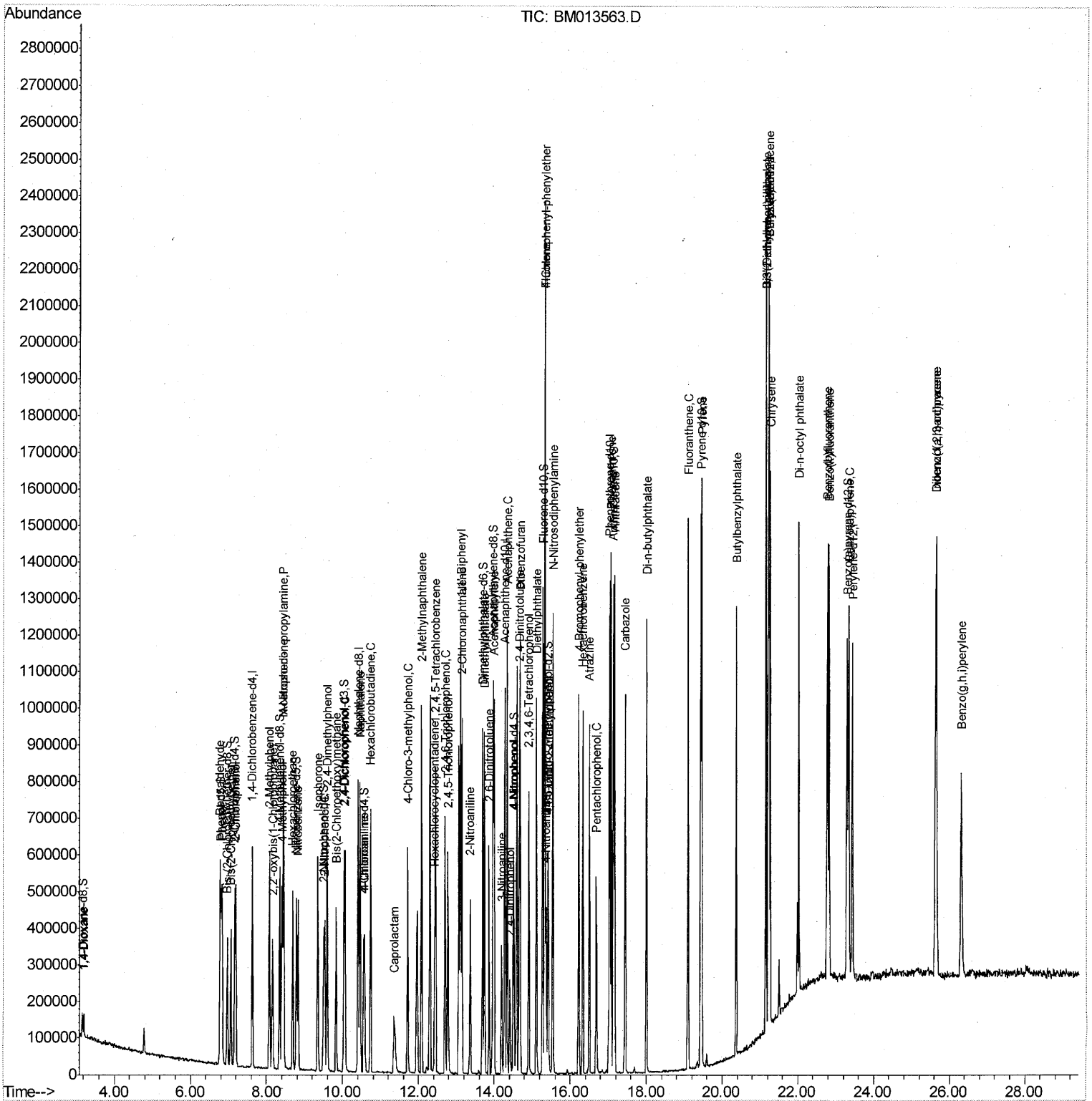
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013563.D
Acq On : 10 Jan 2018 13:18
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 10 15:36:32 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 13:12:38 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV014

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:18 PM



Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
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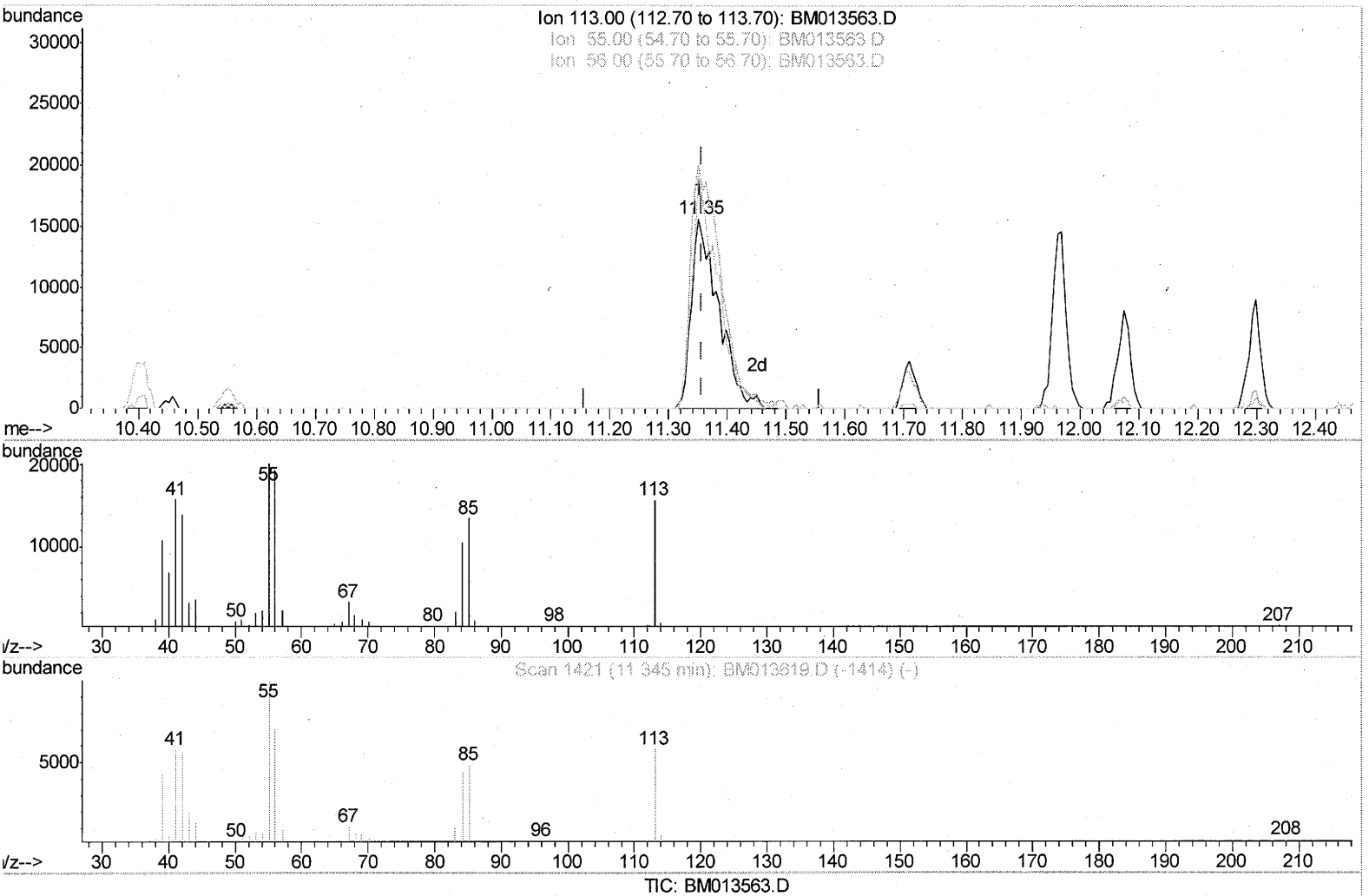


TIC: BM013563.D

(32) Caprolactam

11.351min (-0.006) 19.92ng/ul m JU 01/18/18

response 50531

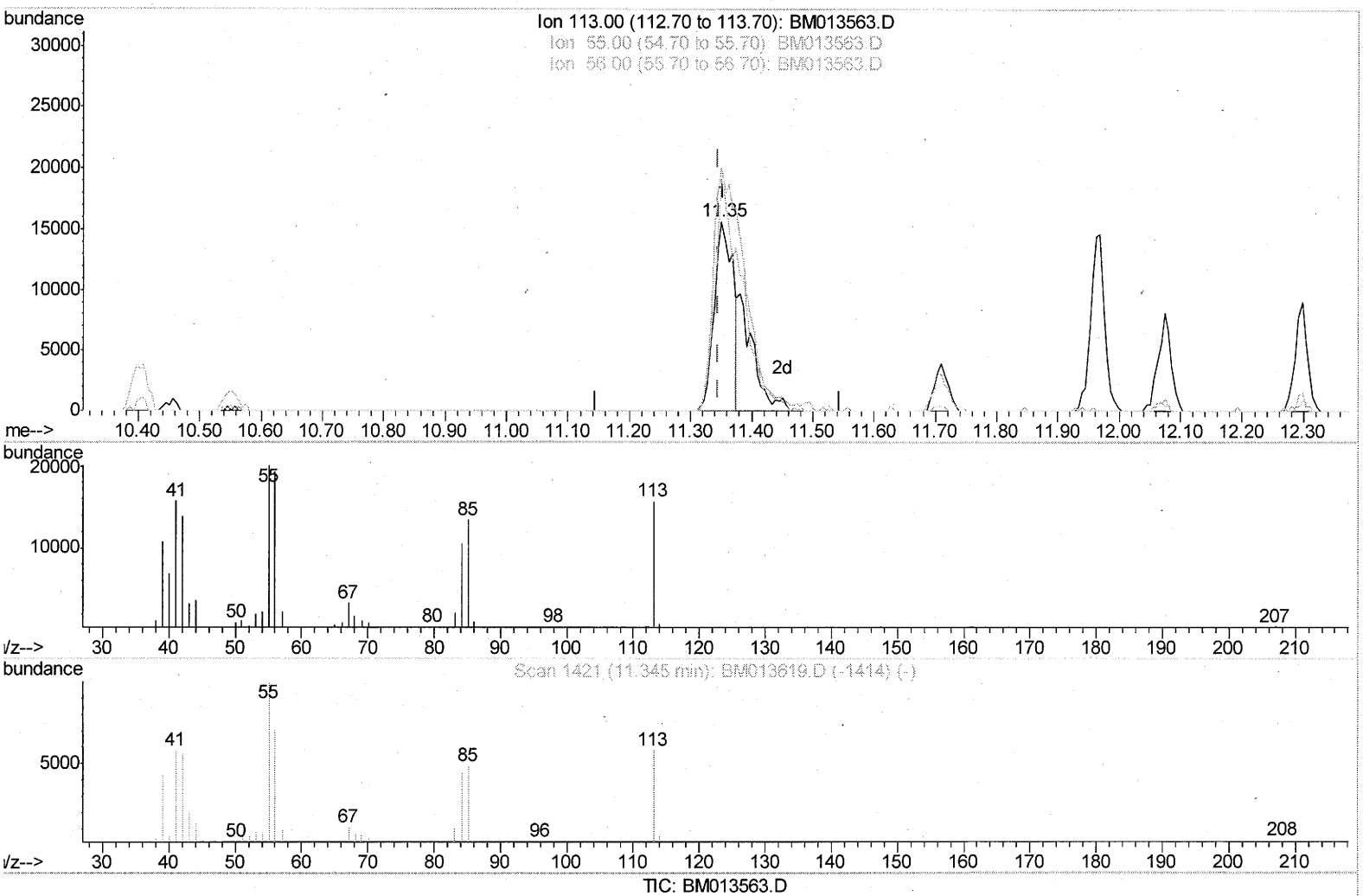
Ion	Exp%	Act%
113.00	100	100
55.00	260.00	128.56#
56.00	200.00	123.08#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013563.D
Acq On : 10 Jan 2018 13:18
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 18 11:27:05 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 :
SICV014

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:18 PM



TIC: BM013563.D

(32) Caprolactam

11.351min (+0.006) 13.33ng/ul

response 33809

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	128.56#
56.00	200.00	123.08#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013563.D
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Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV014

Manual Integrations APPROVED
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Quant Time: Jan 10 15:36:32 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 13:12:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	150226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	597231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	339482	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	723220	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	696166	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	642203	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	26248	6.91	ng/uL	0.00
5) Phenol-d5	6.81	99	234139	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	144350	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	188429	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	176772	19.94	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	96538	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	101043	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	198582	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	152841	18.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	545195	19.49	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	727523	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	79360	17.45	ng/ul	0.00
57) Fluorene-d10	15.27	176	483480	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	84210	19.34	ng/ul	0.00
70) Anthracene-d10	17.13	188	707129	20.07	ng/ul	0.00
76) Pyrene-d10	19.43	212	709962	21.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	595044	20.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	28226	6.779	ng/uL#	64
4) Benzaldehyde	6.78	77	174558	21.871	ng/ul	95
6) Phenol	6.83	94	227762	19.690	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.06	93	186128	20.563	ng/ul	95
10) 2-Chlorophenol	7.19	128	186151	19.875	ng/ul	97
11) 2-Methylphenol	8.07	108	170122	19.952	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.16	45	190522	20.686	ng/ul#	80
14) Acetophenone	8.45	105	291728	19.884	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.43	70	150057	20.965	ng/ul#	74
16) 4-Methylphenol	8.40	108	189444	20.779	ng/ul	97
17) Hexachloroethane	8.69	117	85293	18.709	ng/ul#	75
20) Nitrobenzene	8.82	77	238703	19.939	ng/ul	97
21) Isophorone	9.35	82	382451	19.772	ng/ul	94
23) 2-Nitrophenol	9.53	139	105401	20.654	ng/ul#	83
24) 2,4-Dimethylphenol	9.59	107	215701	20.048	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	9.83	93	239847	20.340	ng/ul	96
27) 2,4-Dichlorophenol	10.06	162	180150	19.761	ng/ul#	91
28) Naphthalene	10.46	128	608646	20.485	ng/ul	99
30) 4-Chloroaniline	10.57	127	155682	19.130	ng/ul#	86
31) Hexachlorobutadiene	10.73	225	138966	18.570	ng/ul	92
32) Caprolactam	11.35	113	50531m	19.924	ng/ul	99
33) 4-Chloro-3-methylphenol	11.71	107	188408	20.387	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	442870	19.992	ng/ul	95

> JU 01/18/18

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Manual Integrations APPROVED
Sohil
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Quant Time: Jan 10 15:36:32 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 13:12:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	257246	20.450	ng/ul	97
37) Hexachlorocyclopentadiene	12.42	237	102183	19.567	ng/ul	99
38) 2,4,6-Trichlorophenol	12.70	196	152256	20.911	ng/ul	92
39) 2,4,5-Trichlorophenol	12.77	196	157874	20.837	ng/ul	91
40) 1,1'-Biphenyl	13.10	154	589222	20.851	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	459366	20.795	ng/ul	99
42) 2-Nitroaniline	13.36	65	125139	20.537	ng/ul	96
44) Dimethylphthalate	13.74	163	537787	19.549	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	110923	20.807	ng/ul#	97
47) Acenaphthylene	14.00	152	673805	20.640	ng/ul	97
48) 3-Nitroaniline	14.20	138	78876	18.813	ng/ul	82
49) Acenaphthene	14.34	153	455064	20.127	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	53107	17.378	ng/ul#	87
52) 4-Nitrophenol	14.51	109	81689	17.685	ng/ul#	83
53) Dibenzofuran	14.68	168	667208	19.616	ng/ul	100
54) 2,4-Dinitrotoluene	14.66	165	149802	19.277	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	138613	19.451	ng/ul	93
56) Diethylphthalate	15.12	149	524075	18.930	ng/ul	94
58) Fluorene	15.33	166	548210	19.676	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	292190	19.408	ng/ul	99
60) 4-Nitroaniline	15.36	138	96088	19.588	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.43	198	87056	18.946	ng/ul#	96
64) N-Nitrosodiphenylamine	15.54	169	445438	20.941	ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	181144	21.206	ng/ul	95
66) Hexachlorobenzene	16.33	284	185492	20.174	ng/ul#	90
67) Atrazine	16.50	200	161742	19.052	ng/ul	92
68) Pentachlorophenol	16.69	266	92619	18.956	ng/ul	96
69) Phenanthrene	17.07	178	804565	20.014	ng/ul	99
71) Anthracene	17.16	178	826936	19.943	ng/ul	99
72) Carbazole	17.44	167	672734	19.655	ng/ul	99
73) Di-n-butylphthalate	18.00	149	786155	19.529	ng/ul	98
74) Fluoranthene	19.09	202	877836	18.293	ng/ul#	93
77) Pyrene	19.46	202	935772	22.111	ng/ul#	93
78) Butylbenzylphthalate	20.37	149	314599	21.102	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.14	252	219226	19.036	ng/ul#	98
80) Benzo(a)anthracene	21.21	228	846968	20.134	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	452931	20.249	ng/ul#	97
82) Chrysene	21.26	228	766223	19.855	ng/ul	99
84) Di-n-octyl phthalate	22.02	149	734157	18.969	ng/ul	96
85) Benzo(b)fluoranthene	22.77	252	813539	20.628	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	749585	19.663	ng/ul#	97
88) Benzo(a)pyrene	23.33	252	749074	20.105	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.63	276	844637	19.205	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.64	278	720509	19.400	ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	692773	19.139	ng/ul#	95

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