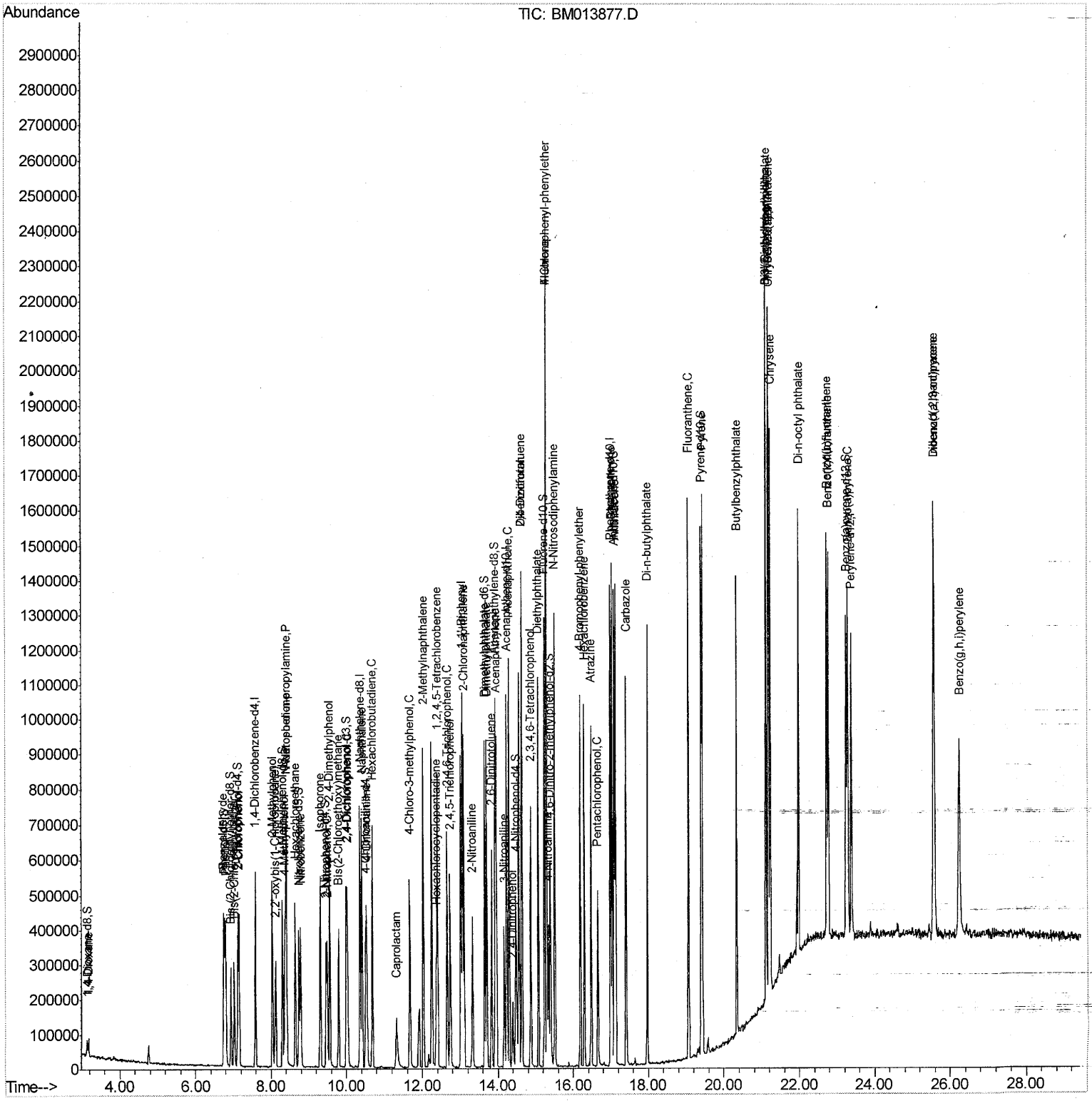
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013877.D
Acq On : 27 Jan 2018 10:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 00:56:06 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02049

Manual Integrations APPROVED
Sohil
1/29/2018 6:03:19 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013877.D
Acq On : 27 Jan 2018 10:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 00:54:18 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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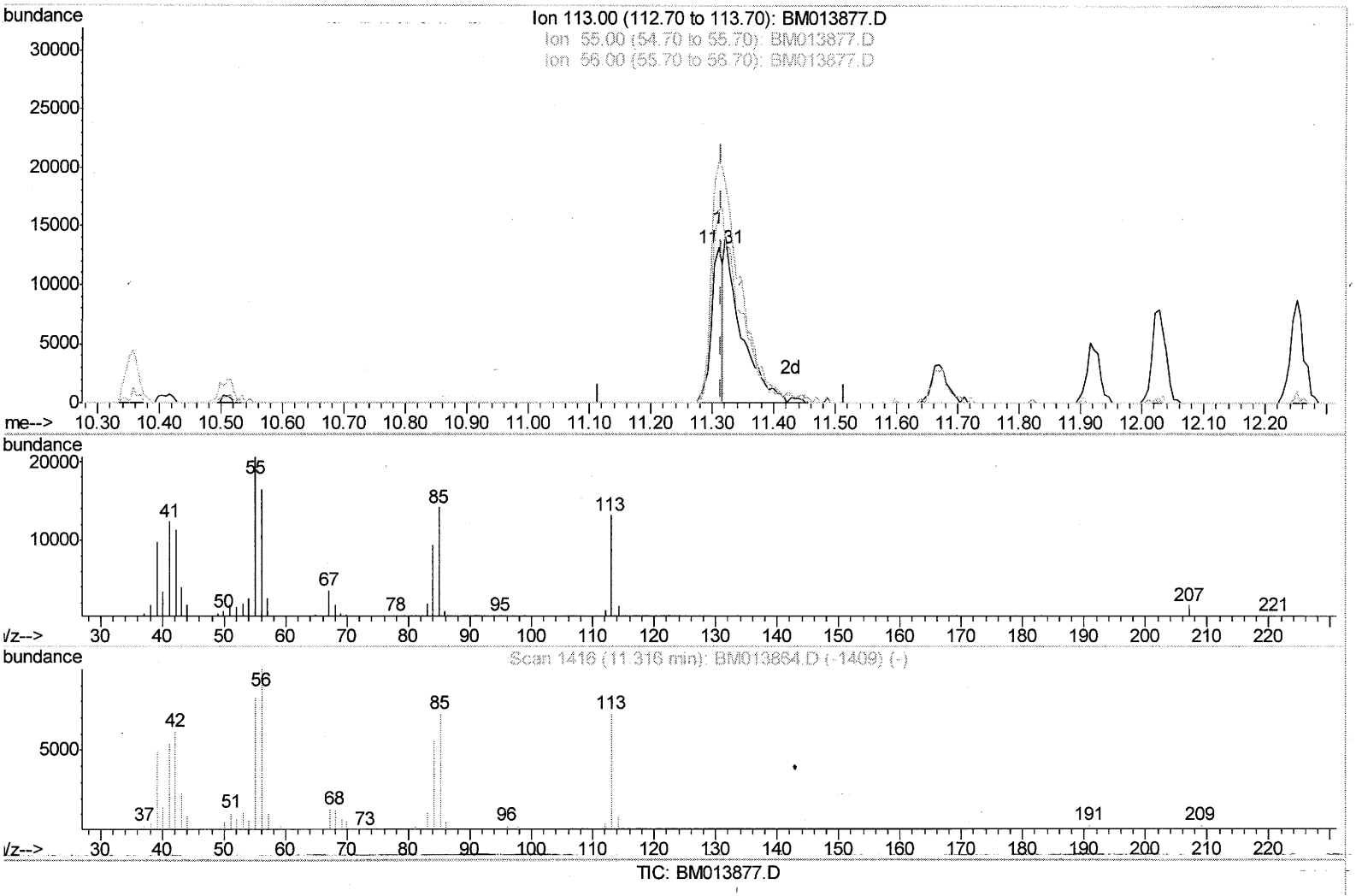

TIC: BM013877.D

(32) Caprolactam

11.310min (-0.006) 7.16ng/ul

response 16784

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	156.34#
56.00	200.00	125.24#
0.00	0.00	0.00

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Instrument :
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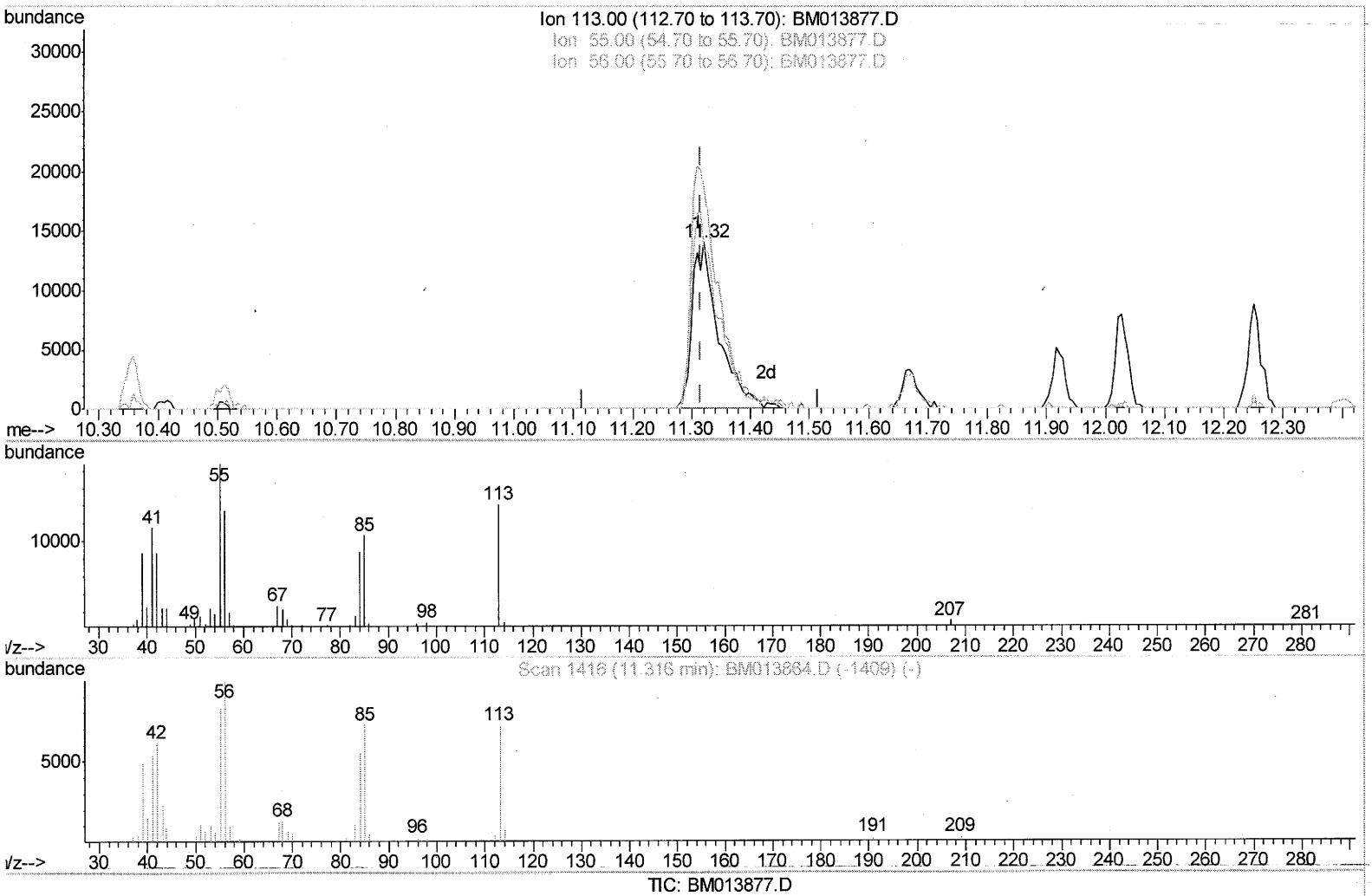
Manual Integrations APPROVED
Sohil
1/29/2018 6:03:19 PM



TIC: BM013877.D

(32) Caprolactam

11.322min (+0.006) 18.60ng/ul m SJ 1/30/18

response 43631

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	132.69#
56.00	200.00	95.14#
0.00	0.00	0.00

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Misc :
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Manual Integrations APPROVED
Sohil
1/29/2018 6:03:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	133090	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	552376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	350057	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	787392	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	710006	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	660163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	18298	5.43	ng/uL	0.00
5) Phenol-d5	6.77	99	192699	18.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	113227	18.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	164028	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	156250	19.89	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	80040	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	90610	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	180509	20.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	178798	23.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	551381	19.11	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	691078	18.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	74999	16.00	ng/ul	0.00
57) Fluorene-d10	15.23	176	479550	18.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	88129	18.59	ng/ul	0.00
70) Anthracene-d10	17.09	188	745397	19.44	ng/ul	0.00
76) Pyrene-d10	19.39	212	760521	23.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	594474	19.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	22592	6.125	ng/uL#	64
4) Benzaldehyde	6.74	77	145654	20.599	ng/ul#	88
6) Phenol	6.80	94	189394	18.481	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.02	93	151352	18.874	ng/ul	100
10) 2-Chlorophenol	7.15	128	162370	19.568	ng/ul	96
11) 2-Methylphenol	8.03	108	147999	19.592	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.12	45	145231	17.799	ng/ul#	75
14) Acetophenone	8.41	105	261182	20.095	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.39	70	128368	20.244	ng/ul#	70
16) 4-Methylphenol	8.36	108	161611	20.008	ng/ul	88
17) Hexachloroethane	8.65	117	76344	18.902	ng/ul#	78
20) Nitrobenzene	8.78	77	208381	18.820	ng/ul	96
21) Isophorone	9.30	82	347305	19.413	ng/ul#	93
23) 2-Nitrophenol	9.49	139	93261	19.759	ng/ul	87
24) 2,4-Dimethylphenol	9.55	107	204317	20.532	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	202629	18.579	ng/ul	97
27) 2,4-Dichlorophenol	10.02	162	178165	21.130	ng/ul	94
28) Naphthalene	10.41	128	534583	19.453	ng/ul	99
30) 4-Chloroaniline	10.53	127	183493	24.378	ng/ul	100
31) Hexachlorobutadiene	10.68	225	138895	20.068	ng/ul	94
32) Caprolactam	11.32	113	43631m	18.601	ng/ul	—
33) 4-Chloro-3-methylphenol	11.67	107	177453	20.760	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	408557	19.941	ng/ul	91

SJ 1/30/18

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02049

Manual Integrations APPROVED
Sohil
1/29/2018 6:03:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	248868	19.187	ng/ul	96
37) Hexachlorocyclopentadiene	12.37	237	81478	15.131	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.66	196	147591	19.658	ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	159244	20.383	ng/ul	94
40) 1,1'-Biphenyl	13.06	154	544290	18.679	ng/ul	99
41) 2-Chloronaphthalene	13.10	162	440028	19.318	ng/ul	99
42) 2-Nitroaniline	13.32	65	119995	19.098	ng/ul	99
44) Dimethylphthalate	13.70	163	538411	18.980	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	110214	20.049	ng/ul	92
47) Acenaphthylene	13.96	152	634505	18.849	ng/ul	97
48) 3-Nitroaniline	14.16	138	86749	20.066	ng/ul	94
49) Acenaphthene	14.30	153	443154	19.009	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	44733	14.196	ng/ul	89
52) 4-Nitrophenol	14.49	109	77924	16.360	ng/ul#	79
53) Dibenzofuran	14.64	168	665861	18.985	ng/ul	96
54) 2,4-Dinitrotoluene	14.63	165	153689	19.179	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.87	232	140255	19.087	ng/ul#	90
56) Diethylphthalate	15.07	149	545735	19.117	ng/ul	97
58) Fluorene	15.29	166	551527	19.197	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	294364	18.962	ng/ul	95
60) 4-Nitroaniline	15.33	138	85202	16.844	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	15.39	198	88971	17.785	ng/ul	100
64) N-Nitrosodiphenylamine	15.51	169	461294	19.919	ng/ul	96
65) 4-Bromophenyl-phenylether	16.19	248	183339	19.714	ng/ul	93
66) Hexachlorobenzene	16.29	284	198833	19.862	ng/ul#	91
67) Atrazine	16.47	200	181255	19.611	ng/ul	96
68) Pentachlorophenol	16.64	266	92977	17.478	ng/ul	93
69) Phenanthrene	17.03	178	851315	19.451	ng/ul	99
71) Anthracene	17.12	178	864263	19.144	ng/ul	97
72) Carbazole	17.40	167	686738	18.429	ng/ul	99
73) Di-n-butylphthalate	17.97	149	837337	19.105	ng/ul	98
74) Fluoranthene	19.06	202	943433	18.058	ng/ul#	94
77) Pyrene	19.42	202	959164	22.222	ng/ul#	95
78) Butylbenzylphthalate	20.33	149	339327	22.318	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.12	252	258120	21.976	ng/ul	92
80) Benzo(a)anthracene	21.17	228	865360	20.171	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	491028	21.525	ng/ul	98
82) Chrysene	21.23	228	770351	19.573	ng/ul	97
84) Di-n-octyl phthalate	21.98	149	764332	19.212	ng/ul	99
85) Benzo(b)fluoranthene	22.73	252	818543	20.190	ng/ul#	98
86) Benzo(k)fluoranthene	22.77	252	750482	19.151	ng/ul#	97
88) Benzo(a)pyrene	23.29	252	746010	19.478	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.57	276	860758	19.039	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.57	278	733437	19.211	ng/ul#	98
91) Benzo(g,h,i)perylene	26.24	276	730382	19.629	ng/ul	98

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