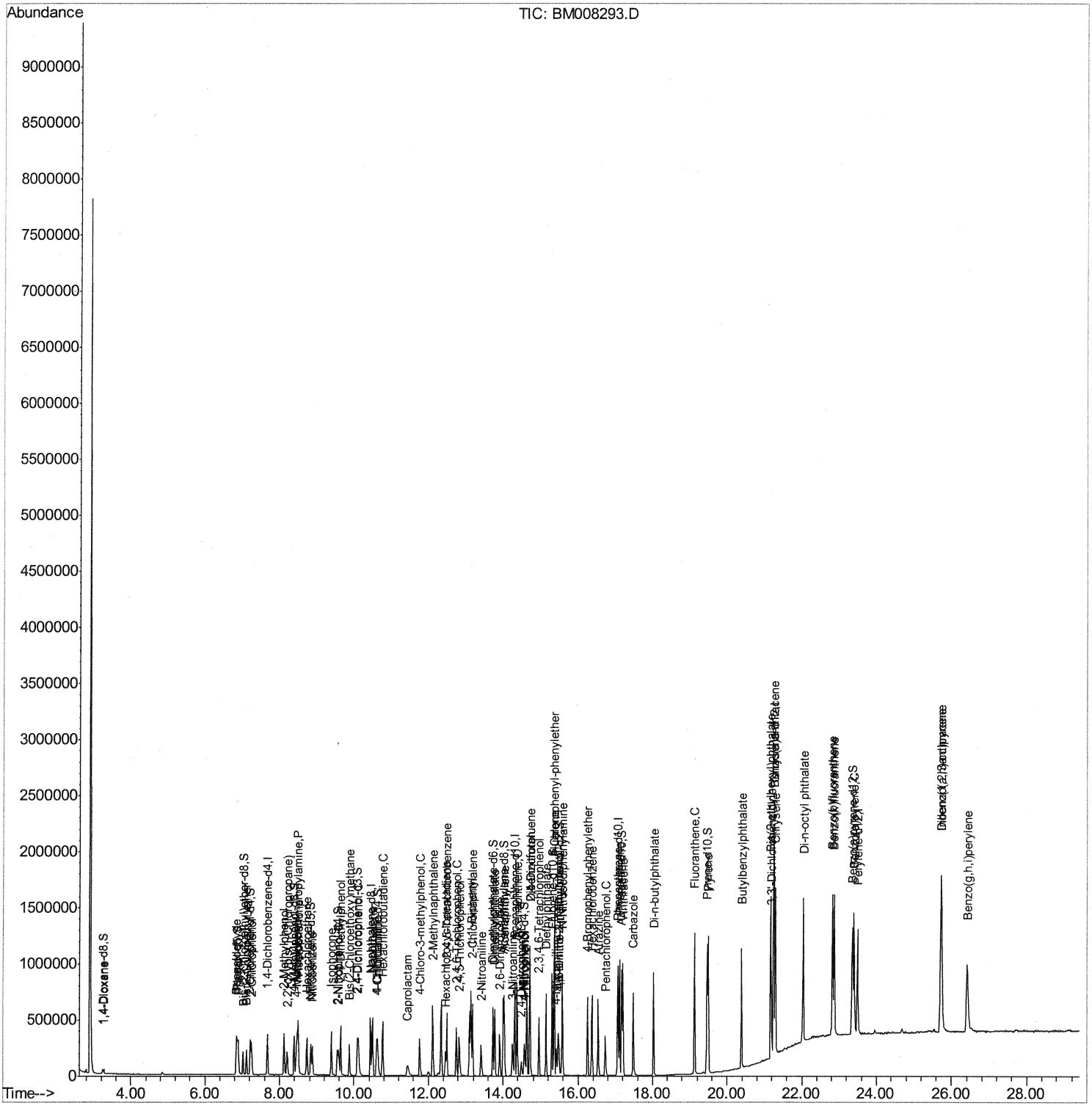
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008293.D
Acq On : 14 Dec 2016 04:11
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 05:33:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:08:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02049

Manual Integrations APPROVED
Sohil
12/14/2016 6:57:55 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008293.D
Acq On : 14 Dec 2016 04:11
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 05:31:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:08:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
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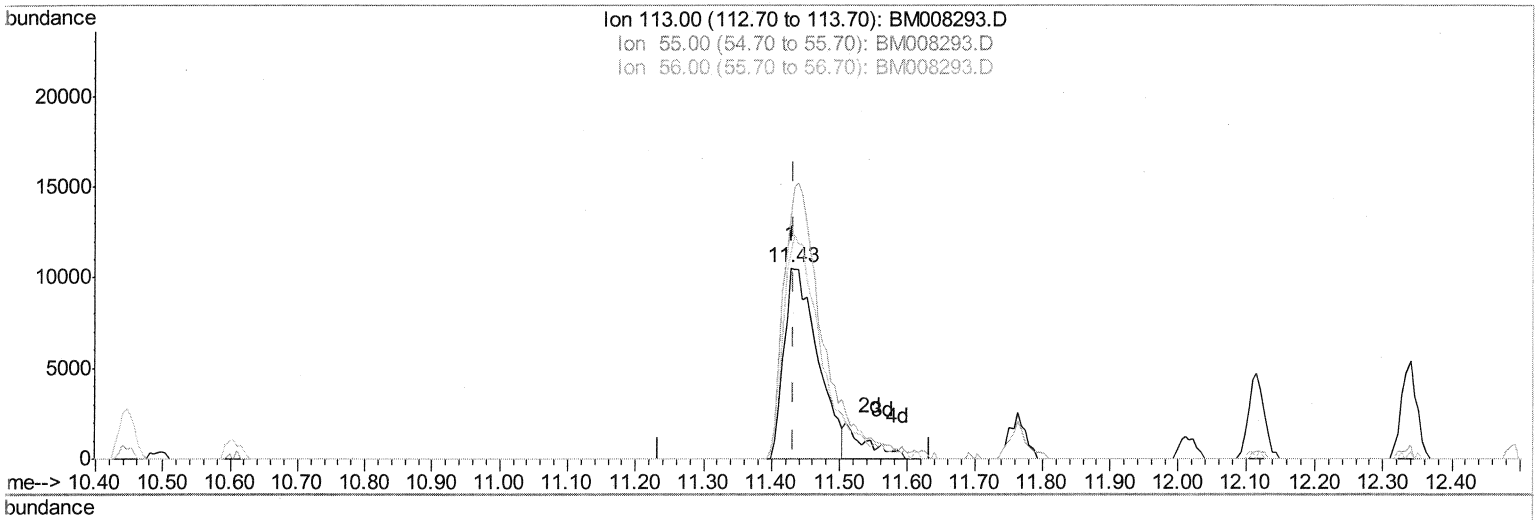
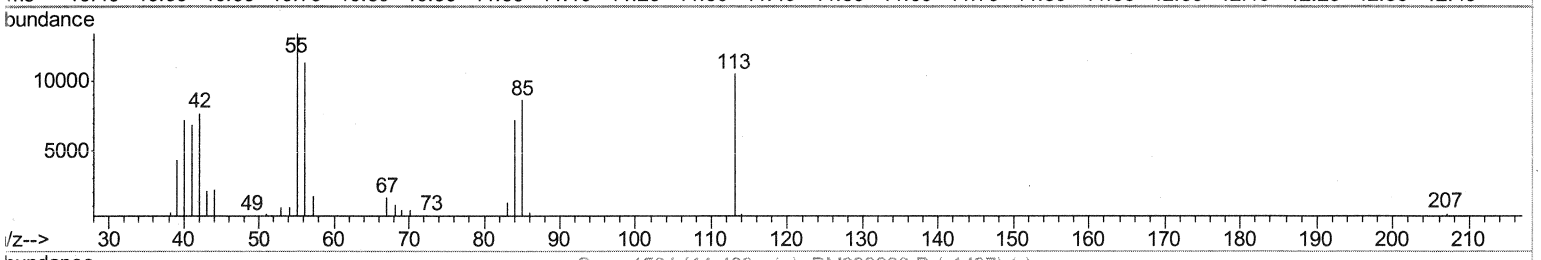
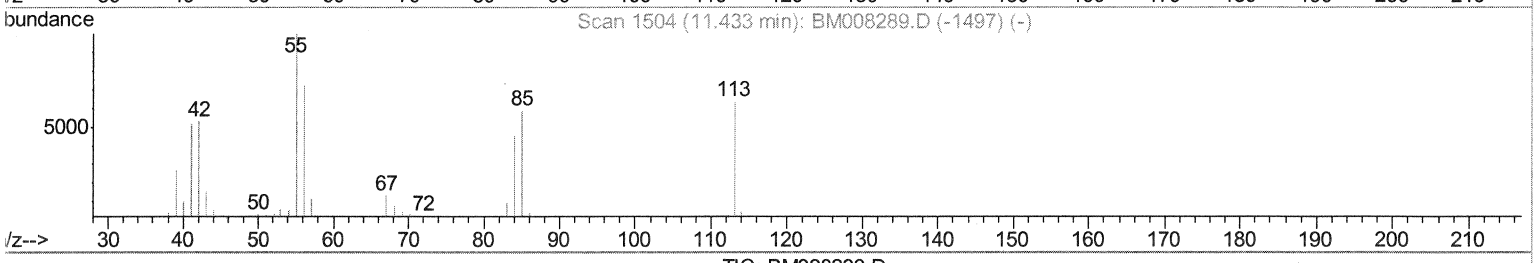
Manual Integrations APPROVED
Sohil
12/14/2016 6:57:55 PM







TIC: BM008293.D

(32) Caprolactam

11.428min (-0.006) 19.46ng/ul

response 36443

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	127.63
56.00	114.10	107.61
0.00	0.00	0.00

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Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
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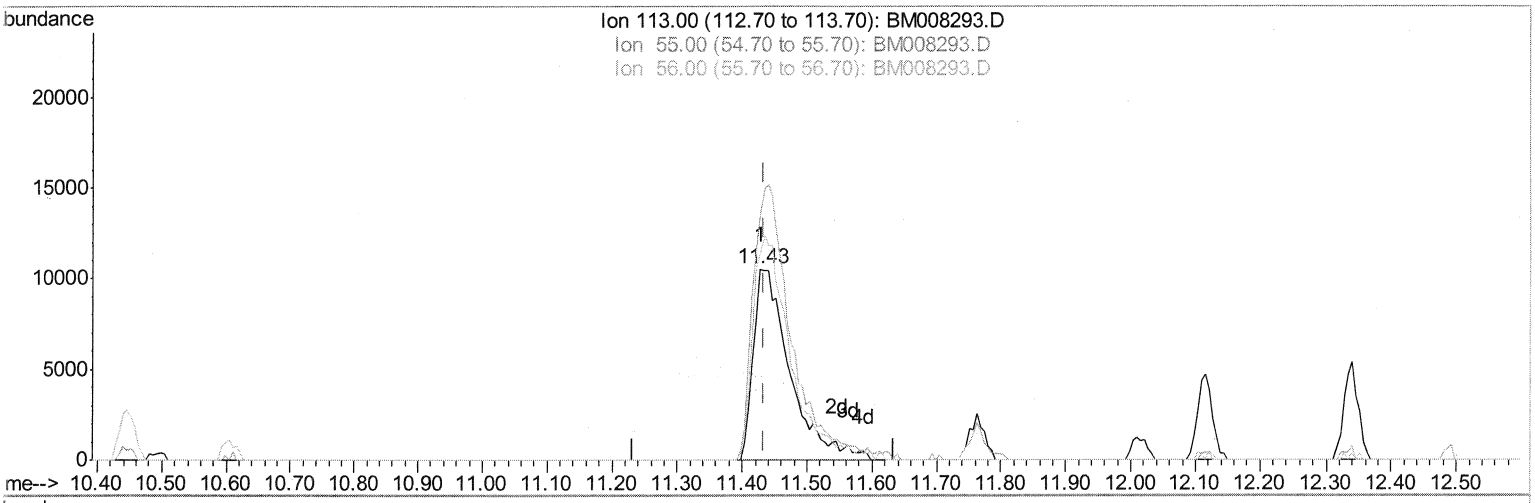
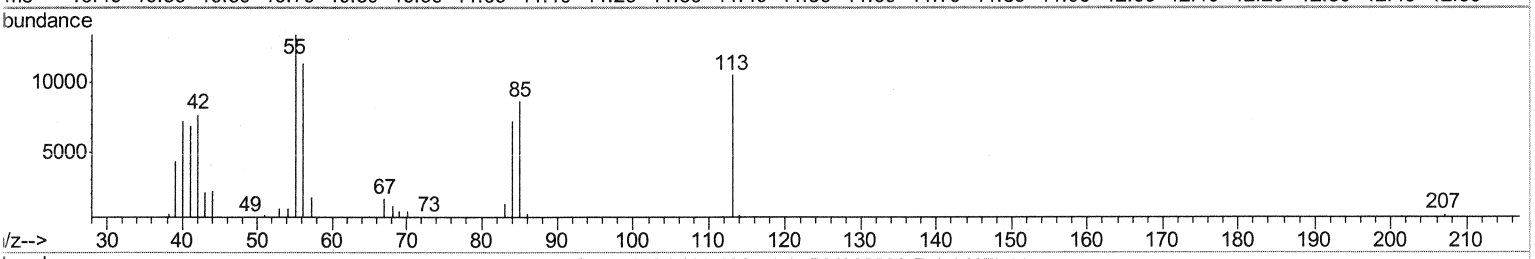
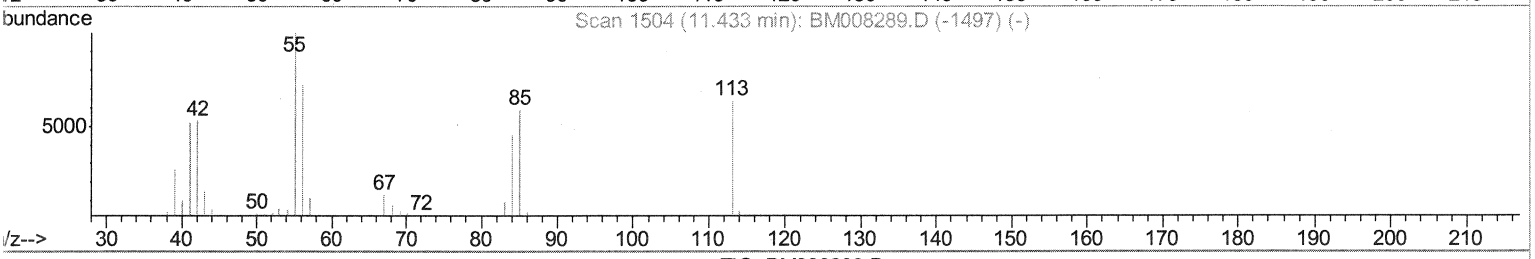
Manual Integrations APPROVED
Sohil
12/14/2016 6:57:55 PM







TIC: BM008293.D

(32) Caprolactam

11.428min (-0.006) 21.76ng/ul m SJ 12/14/16

response 40745

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	127.63
56.00	114.10	107.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 05:33:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:08:22 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02049

Manual Integrations APPROVED
Sohil
12/14/2016 6:57:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	105497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	407748	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	278009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	576481	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	769478	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	762481	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	19082	8.48	ng/uL	0.00
5) Phenol-d5	6.86	99	165857	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	96828	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	128796	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	130427	20.48	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	64185	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	71325	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	131747	22.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	157408	23.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	401352	21.68	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	476057	21.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	51449	18.84	ng/ul	0.00
57) Fluorene-d10	15.31	176	346003	21.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	66714	19.46	ng/ul	0.00
70) Anthracene-d10	17.16	188	542320	21.61	ng/ul	0.00
76) Pyrene-d10	19.47	212	646973	21.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	709024	22.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	22087	8.38	ng/uL	98
4) Benzaldehyde	6.84	77	122867	22.42	ng/ul	90
6) Phenol	6.89	94	172587	20.16	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.11	93	130617	20.44	ng/ul	99
10) 2-Chlorophenol	7.25	128	130929	20.90	ng/ul	98
11) 2-Methylphenol	8.12	108	127495	20.39	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.21	45	147518	20.16	ng/ul	98
14) Acetophenone	8.50	105	210908	20.21	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	113610	21.26	ng/ul	95
16) 4-Methylphenol	8.45	108	138336	20.47	ng/ul	100
17) Hexachloroethane	8.73	117	59883	20.96	ng/ul	97
20) Nitrobenzene	8.87	77	166249	22.03	ng/ul	98
21) Isophorone	9.39	82	293151	21.44	ng/ul	99
23) 2-Nitrophenol	9.58	139	72786	21.95	ng/ul	96
24) 2,4-Dimethylphenol	9.64	107	159593	21.36	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.87	93	166670	21.34	ng/ul	97
27) 2,4-Dichlorophenol	10.12	162	131908	21.91	ng/ul	97
28) Naphthalene	10.50	128	417433	21.63	ng/ul	99
30) 4-Chloroaniline	10.63	127	154656	22.32	ng/ul	98
31) Hexachlorobutadiene	10.77	225	104595	21.39	ng/ul	98
32) Caprolactam	11.43	113	40745m	21.76	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	143699	22.09	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	299988	21.52	ng/ul	99

SJ 12/14/16

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:08:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02049

Manual Integrations APPROVED
Sohil
12/14/2016 6:57:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	186422	21.38	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	60315	17.36	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	105124	21.22	ng/ul	96
39) 2,4,5-Trichlorophenol	12.83	196	116349	21.73	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	401401	21.61	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	306281	21.50	ng/ul	98
42) 2-Nitroaniline	13.42	65	91517	21.78	ng/ul	95
44) Dimethylphthalate	13.78	163	394727	21.77	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	78142	22.27	ng/ul	91
47) Acenaphthylene	14.03	152	481507	21.56	ng/ul	99
48) 3-Nitroaniline	14.25	138	74869	21.31	ng/ul#	93
49) Acenaphthene	14.37	153	326558	21.25	ng/ul	97
50) 2,4-Dinitrophenol	14.49	184	34251	16.59	ng/ul	95
52) 4-Nitrophenol	14.57	109	49786	18.98	ng/ul	93
53) Dibenzofuran	14.72	168	482719	21.61	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	117981	22.39	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.95	232	108798	21.85	ng/ul	98
56) Diethylphthalate	15.14	149	390201	21.63	ng/ul	99
58) Fluorene	15.37	166	396044	21.65	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	208749	21.36	ng/ul	99
60) 4-Nitroaniline	15.42	138	69278	20.42	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	69717	19.86	ng/ul	93
64) N-Nitrosodiphenylamine	15.58	169	340938	21.77	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	137968	21.83	ng/ul	98
66) Hexachlorobenzene	16.37	284	154305	21.49	ng/ul	100
67) Atrazine	16.54	200	134129	20.91	ng/ul	100
68) Pentachlorophenol	16.73	266	75810	19.57	ng/ul	96
69) Phenanthrene	17.11	178	634492	21.44	ng/ul	99
71) Anthracene	17.20	178	652392	21.75	ng/ul	99
72) Carbazole	17.49	167	559028	21.21	ng/ul	98
73) Di-n-butylphthalate	18.03	149	643958	21.87	ng/ul	99
74) Fluoranthene	19.13	202	777519	21.45	ng/ul	99
77) Pyrene	19.50	202	816218	21.62	ng/ul	100
78) Butylbenzylphthalate	20.40	149	296557	21.99	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.19	252	298132	22.11	ng/ul	96
80) Benzo(a)anthracene	21.24	228	871823	22.01	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	438840	22.22	ng/ul	100
82) Chrysene	21.30	228	835709	21.82	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	768524	21.06	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	894735	21.81	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	890636	22.66	ng/ul	99
88) Benzo(a)pyrene	23.40	252	871418	21.94	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.73	276	1057289	21.98	ng/ul	100
90) Dibenzo(a,h)anthracene	25.73	278	889431	22.04	ng/ul	99
91) Benzo(g,h,i)perylene	26.42	276	890833	22.21	ng/ul	99

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