Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

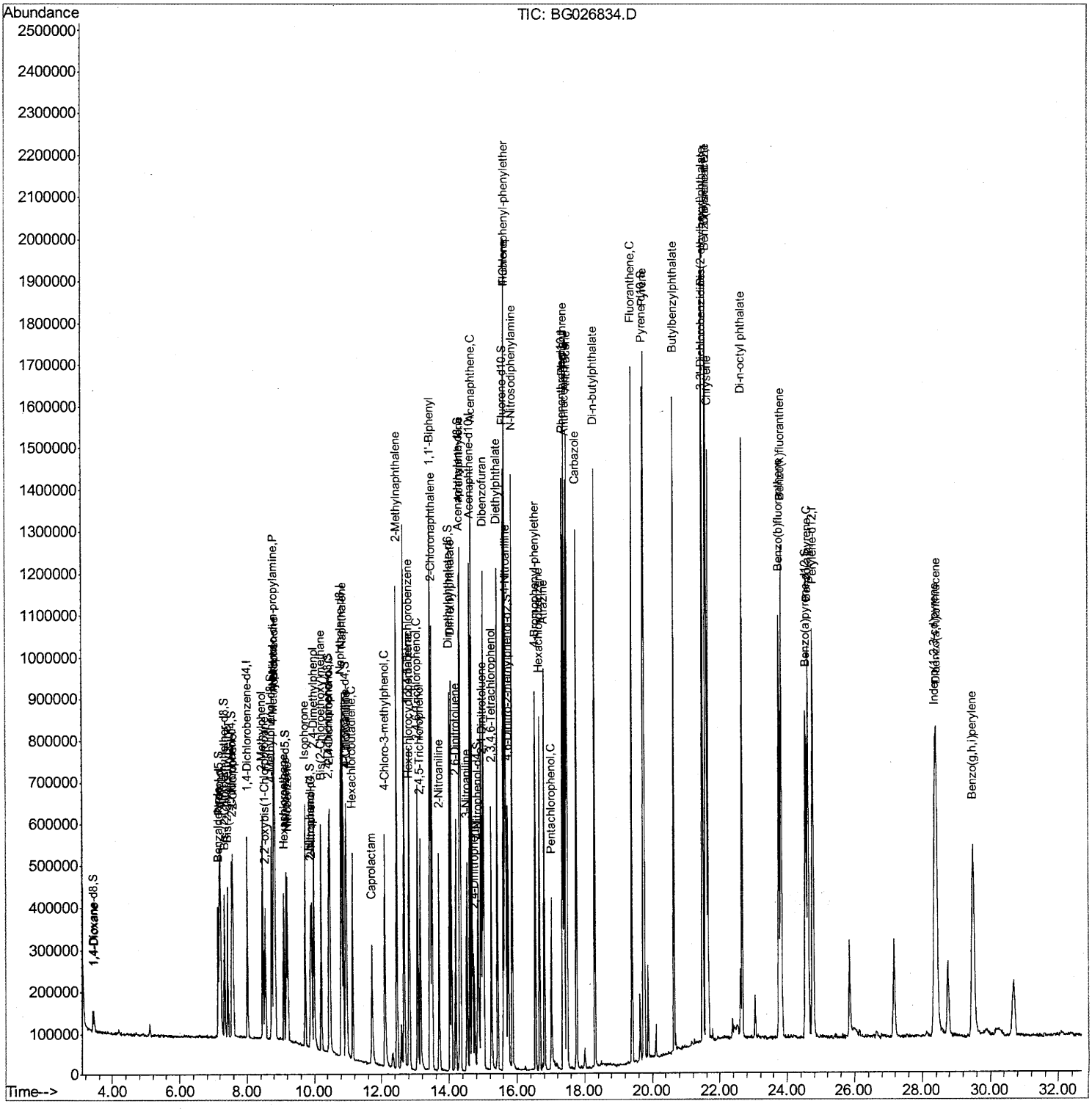
Quantitation Report (QT Reviewed)

Data File : BG026834.D
Acq On : 2 May 2017 8:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 03 00:55:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 00:50:58 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02070

Manual Integrations APPROVED
mohammad
5/3/2017 12:13:05 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

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Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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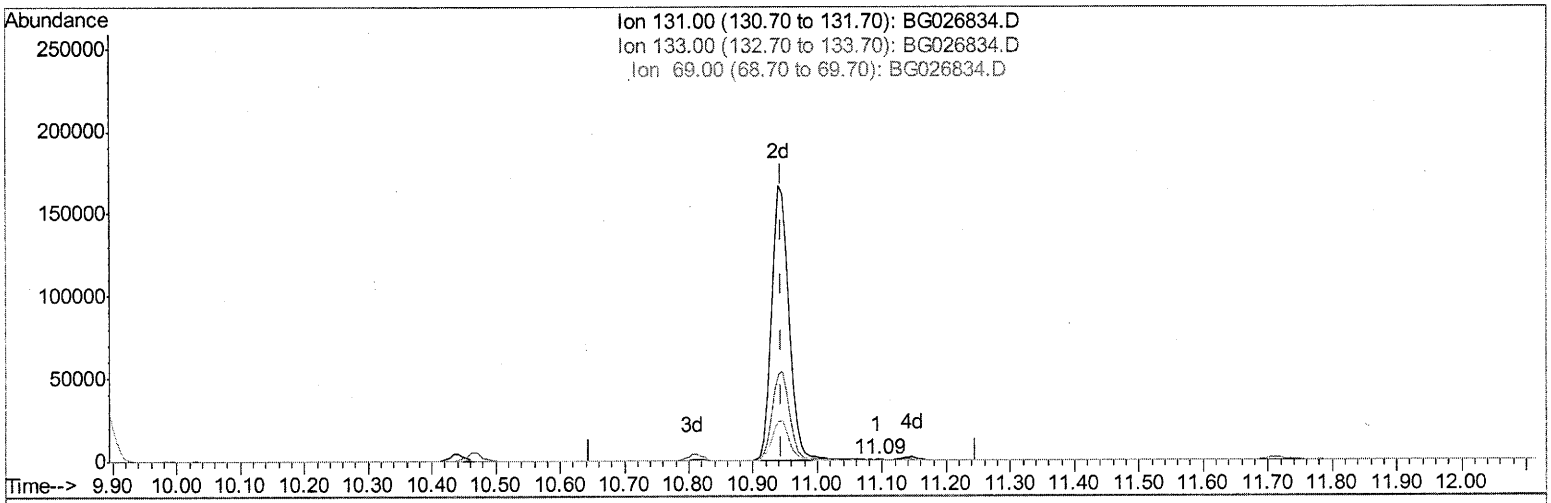
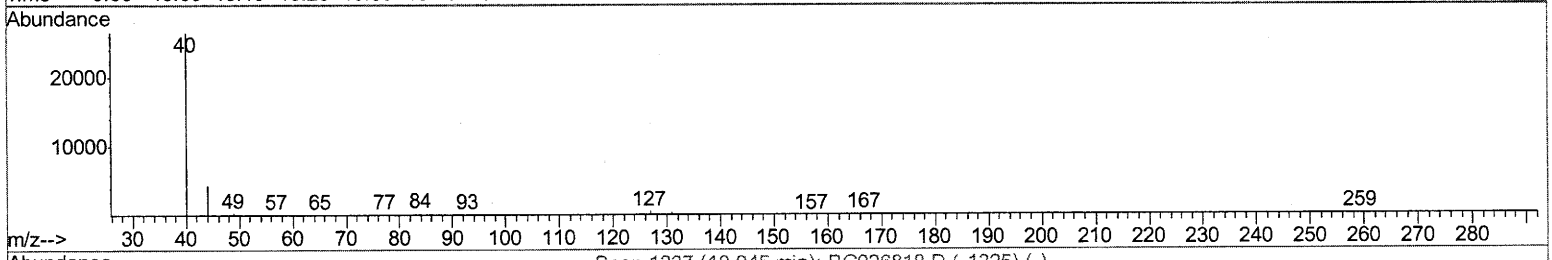
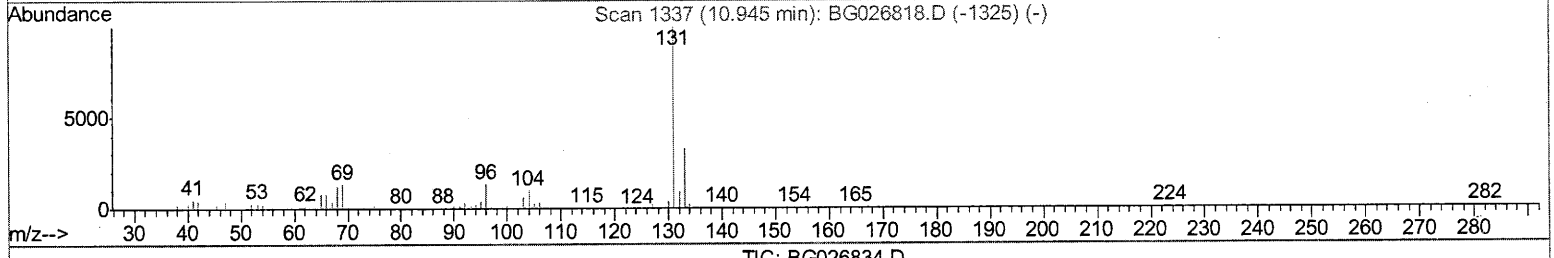
5/3/2017 12:13:05 PM







TIC: BG026834.D

(29) 4-Chloroaniline-d4 (S)

11.093min (+0.148) 0.03ng/ul

response 478

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	42.28
69.00	23.80	26.68
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
SSTD02070

Manual Integrations APPROVED
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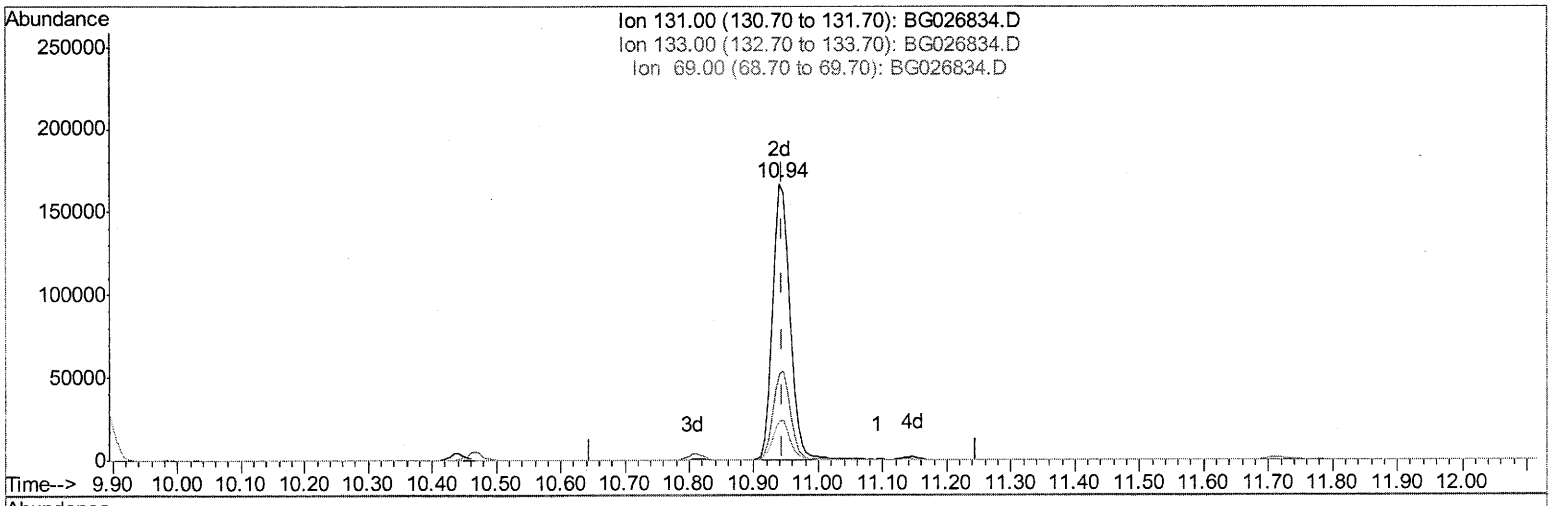
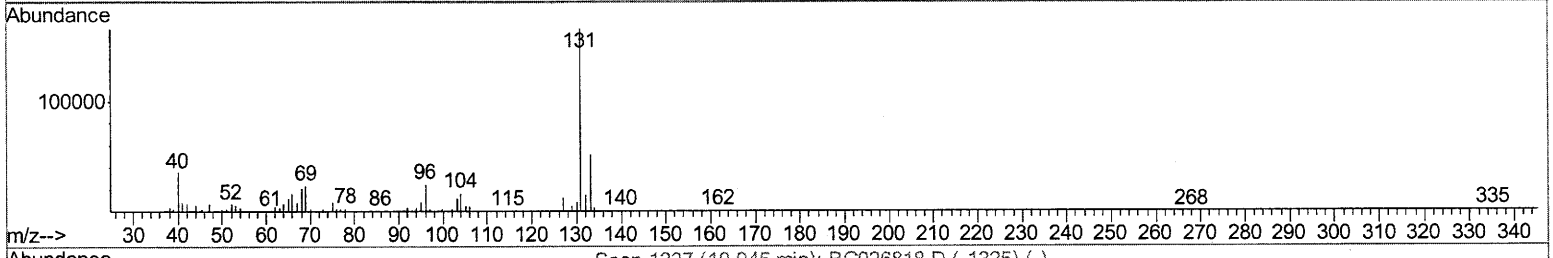
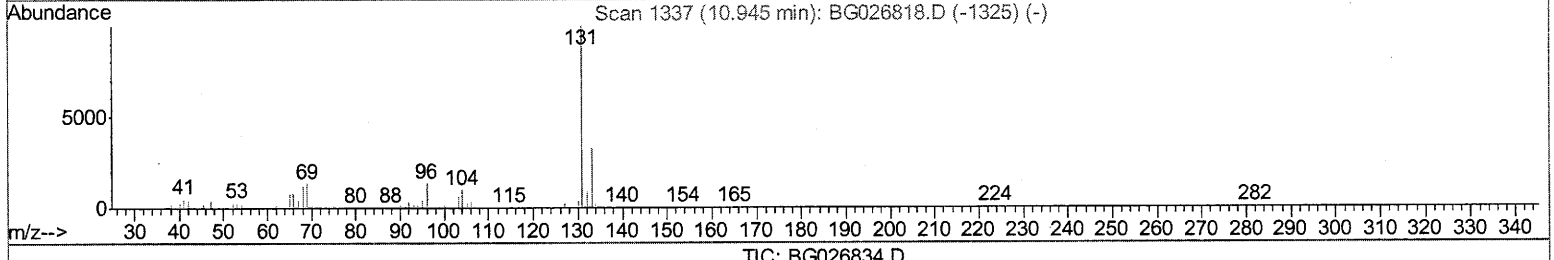
5/3/2017 12:13:05 PM







TIC: BG026834.D

(29) 4-Chloroaniline-d4 (S)

10.940min (-0.005) 22.33ng/ul m SJ 5/5/17

response 315468

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	31.14
69.00	23.80	13.89#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (QT Reviewed)

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Acq On : 2 May 2017 8:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 03 00:55:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 00:50:58 2017
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02070

Manual Integrations APPROVED
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5/3/2017 12:13:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	138517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	730761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	422036	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	809834	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	745857	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	769884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	23775	7.73	ng/uL	0.00
5) Phenol-d5	7.19	99	279118	22.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	170257	23.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	221874	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	234114	22.82	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	120120	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	130613	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	221113	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	315468m	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	664070	19.55	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	878220	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	114421	18.69	ng/ul	0.00
57) Fluorene-d10	15.61	176	576917	19.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	91998	18.71	ng/ul	0.00
70) Anthracene-d10	17.46	188	787217	20.03	ng/ul	0.00
76) Pyrene-d10	19.74	212	760824	19.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	731474	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	26162	7.45	ng/uL#	82
4) Benzaldehyde	7.14	77	117130	19.61	ng/ul#	73
6) Phenol	7.22	94	285866	22.81	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.43	93	207017	21.40	ng/ul	90
10) 2-Chlorophenol	7.58	128	217692	21.08	ng/ul#	81
11) 2-Methylphenol	8.46	108	224375	22.62	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.54	45	259904	25.75	ng/ul#	91
14) Acetophenone	8.83	105	334445	22.19	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.81	70	161266	21.69	ng/ul#	78
16) 4-Methylphenol	8.79	108	245765	22.66	ng/ul	100
17) Hexachloroethane	9.09	117	81077	20.88	ng/ul#	69
20) Nitrobenzene	9.21	77	240312	20.39	ng/ul#	78
21) Isophorone	9.73	82	456337	20.17	ng/ul#	91
23) 2-Nitrophenol	9.92	139	135535	19.41	ng/ul#	61
24) 2,4-Dimethylphenol	9.99	107	262229	20.59	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.21	93	304029	19.67	ng/ul	95
27) 2,4-Dichlorophenol	10.46	162	215746	20.49	ng/ul	96
28) Naphthalene	10.86	128	769667	20.23	ng/ul	98
30) 4-Chloroaniline	10.97	127	296172	22.22	ng/ul	93
31) Hexachlorobutadiene	11.15	225	102352	19.22	ng/ul	90
32) Caprolactam	11.71	113	83554	21.24	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.10	107	263877	23.12	ng/ul	88
34) 2-Methylnaphthalene	12.46	142	586172	20.76	ng/ul	95

SJ 5/5/17

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 00:50:58 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02070

Manual Integrations APPROVED
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5/3/2017 12:13:05 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	219959	19.77 ng/ul	93
37) Hexachlorocyclopentadiene	12.81	237	81333	16.59 ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	155973	20.38 ng/ul	94
39) 2,4,5-Trichlorophenol	13.15	196	165410	20.90 ng/ul	96
40) 1,1'-Biphenyl	13.46	154	717207	20.21 ng/ul	96
41) 2-Chloronaphthalene	13.50	162	536224	20.11 ng/ul	97
42) 2-Nitroaniline	13.70	65	169097	22.19 ng/ul#	76
44) Dimethylphthalate	14.07	163	643241	19.34 ng/ul	98
45) 2,6-Dinitrotoluene	14.20	165	133645	19.04 ng/ul#	81
47) Acenaphthylene	14.34	152	891280	20.51 ng/ul	98
48) 3-Nitroaniline	14.52	138	144718	19.60 ng/ul#	84
49) Acenaphthene	14.68	153	606962	20.07 ng/ul	95
50) 2,4-Dinitrophenol	14.74	184	72837	20.30 ng/ul#	79
52) 4-Nitrophenol	14.85	109	67249	18.73 ng/ul#	29
53) Dibenzofuran	15.02	168	796346	19.79 ng/ul	97
54) 2,4-Dinitrotoluene	14.98	165	194407	19.36 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.25	232	122355	19.68 ng/ul#	74
56) Diethylphthalate	15.42	149	685703	19.70 ng/ul	96
58) Fluorene	15.66	166	655276	19.95 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	274686	19.18 ng/ul	95
60) 4-Nitroaniline	15.68	138	137026	16.83 ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.75	198	96138	18.77 ng/ul#	94
64) N-Nitrosodiphenylamine	15.86	169	544681	20.46 ng/ul	96
65) 4-Bromophenyl-phenylether	16.55	248	164232	20.32 ng/ul#	86
66) Hexachlorobenzene	16.67	284	164466	18.90 ng/ul#	89
67) Atrazine	16.81	200	164536	19.78 ng/ul	93
68) Pentachlorophenol	17.02	266	77474	19.49 ng/ul#	90
69) Phenanthrene	17.40	178	919964	20.17 ng/ul	98
71) Anthracene	17.49	178	945404	20.20 ng/ul	99
72) Carbazole	17.76	167	860263	21.74 ng/ul	98
73) Di-n-butylphthalate	18.30	149	1114289	21.64 ng/ul#	97
74) Fluoranthene	19.40	202	950603	22.44 ng/ul#	80
77) Pyrene	19.77	202	978870	19.56 ng/ul#	77
78) Butylbenzylphthalate	20.64	149	515613	22.18 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.50	252	293362	20.46 ng/ul#	94
80) Benzo(a)anthracene	21.58	228	867629	19.89 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.48	149	740741	22.33 ng/ul#	98
82) Chrysene	21.65	228	801032	19.77 ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1277425	24.15 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	885243	20.12 ng/ul#	93
86) Benzo(k)fluoranthene	23.83	252	847961	19.62 ng/ul#	92
88) Benzo(a)pyrene	24.62	252	855983	19.77 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.38	276	1036725	20.20 ng/ul#	79
90) Dibenzo(a,h)anthracene	28.42	278	866924	19.92 ng/ul#	85
91) Benzo(g,h,i)perylene	29.49	276	839670	19.73 ng/ul#	80

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