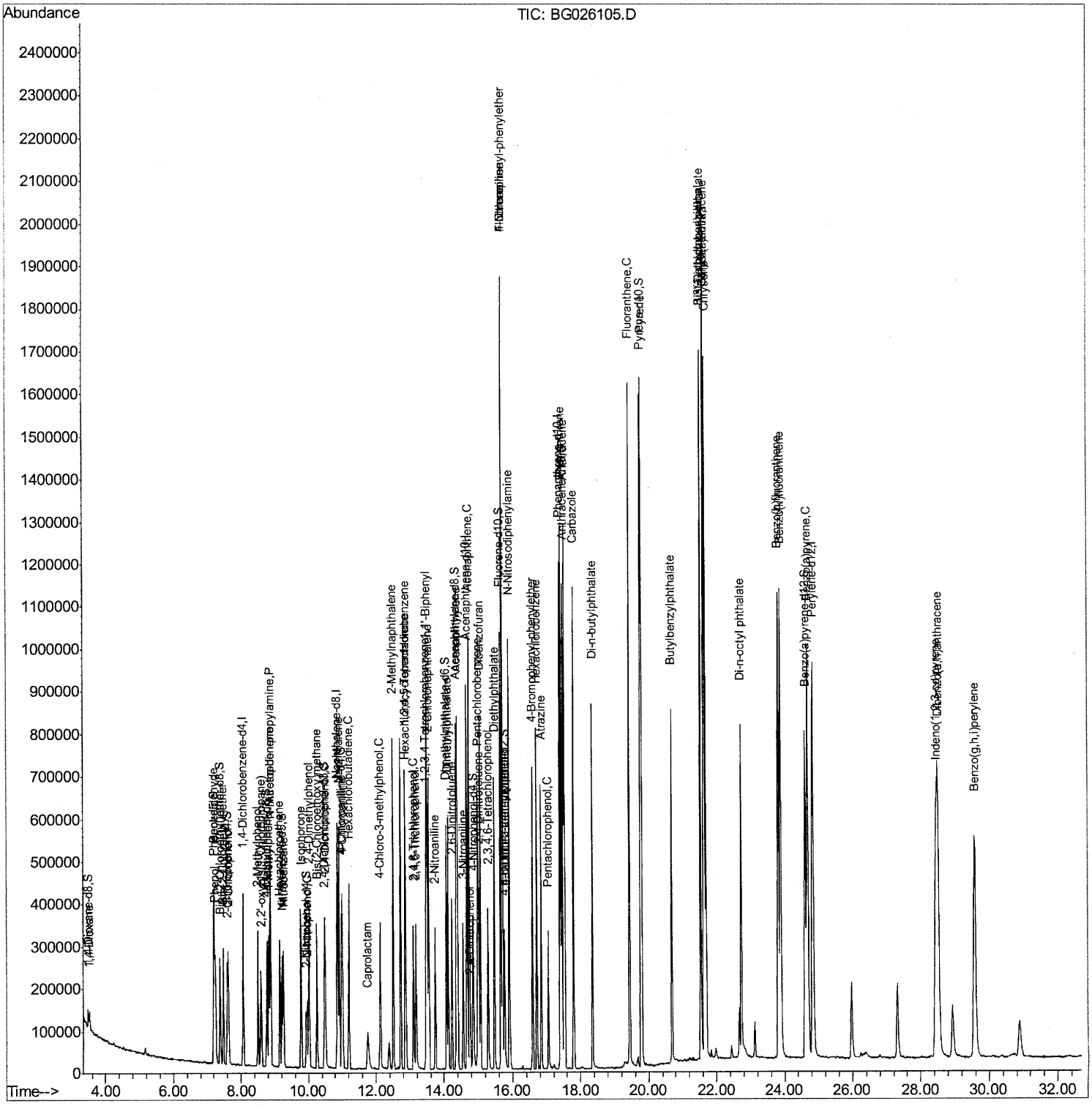
Data Path : Z:\HPCHEM1\BNA G\Data\BG030717\
Data File : BG026105.D
Acq On : 8 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:39:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
3/8/2017 1:48:01 PM



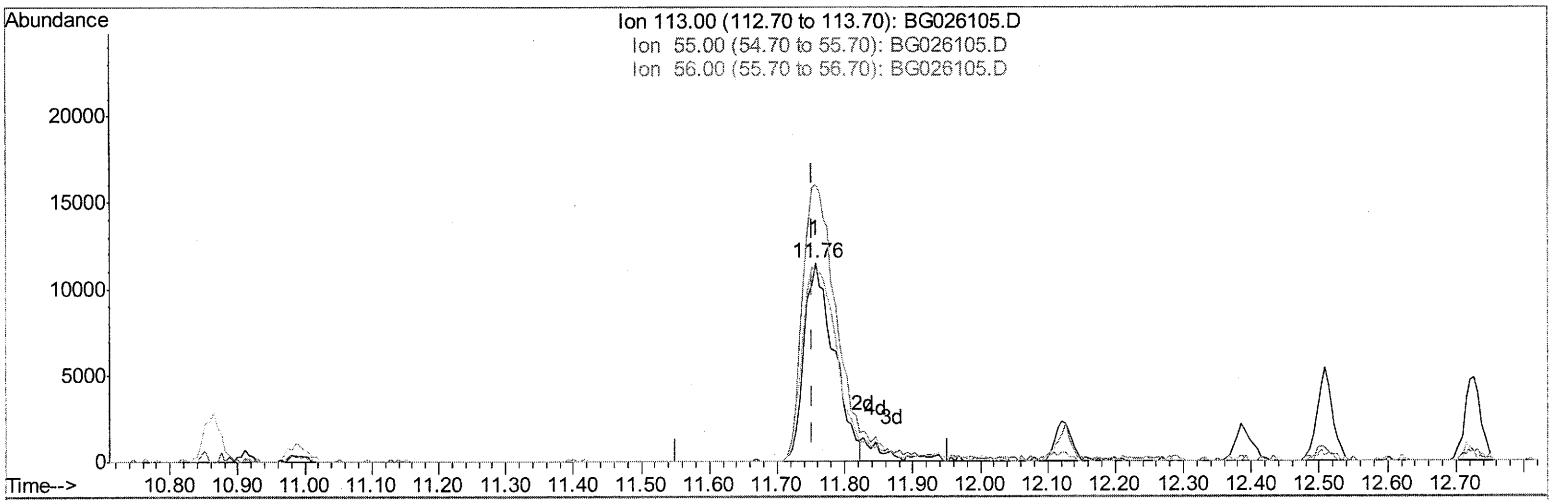
Quantitation Report (Qedit)

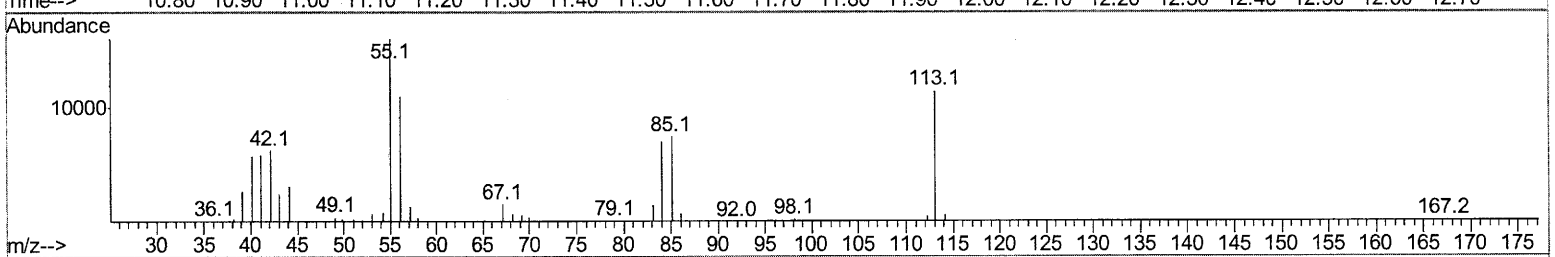
Data Path : Z:\HPCHEM1\BNA G\Data\BG030717\
Data File : BG026105.D
Acq On : 8 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

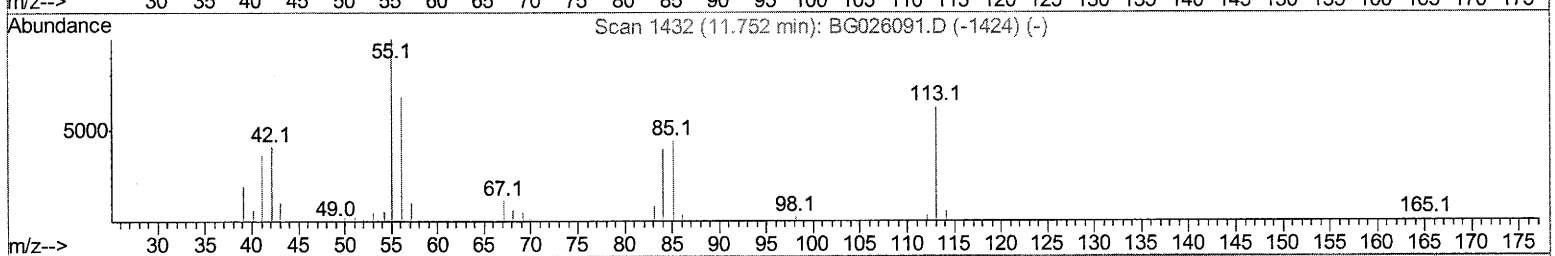
Quant Time: Mar 08 11:37:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
3/8/2017 1:48:01 PM







TIC: BG026105.D

(32) Caprolactam

11.757min (+0.005) 13.94ng/ul

response 35563

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	139.63
56.00	101.50	95.95
0.00	0.00	0.00

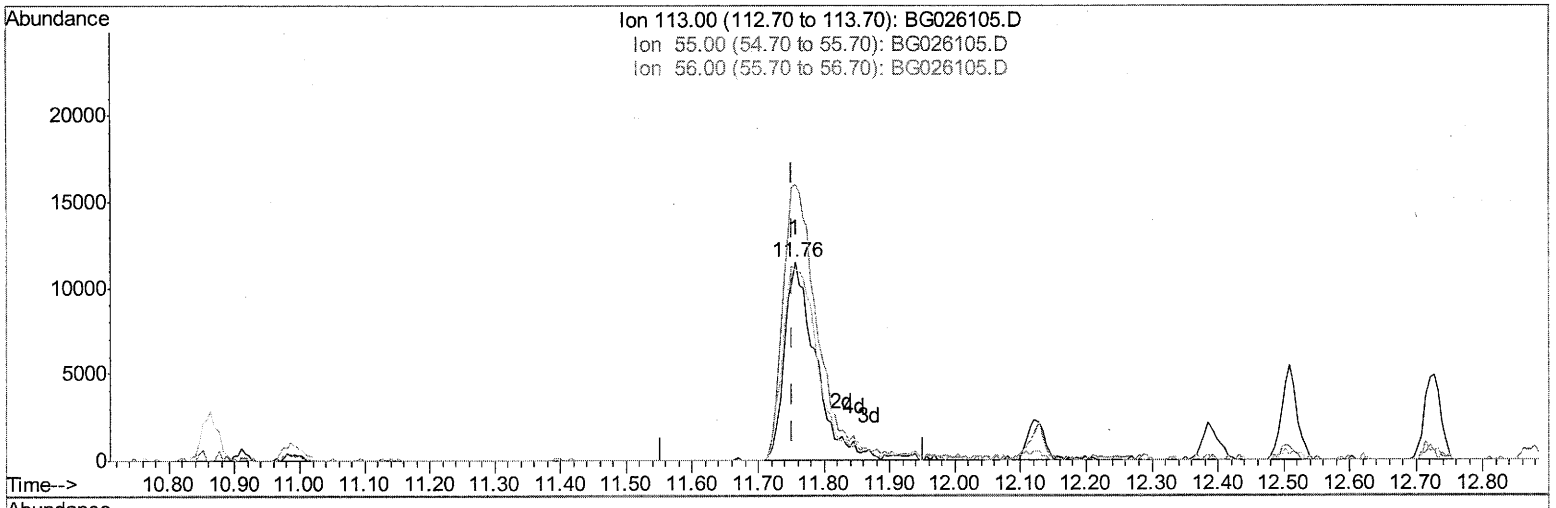
Quantitation Report (Qedit)

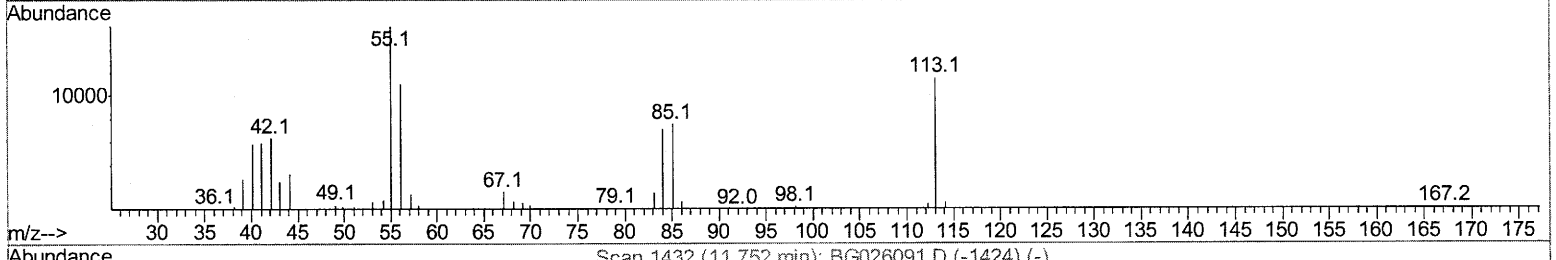
Data Path : Z:\HPCHEM1\BNA G\Data\BG030717\
Data File : BG026105.D
Acq On : 8 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

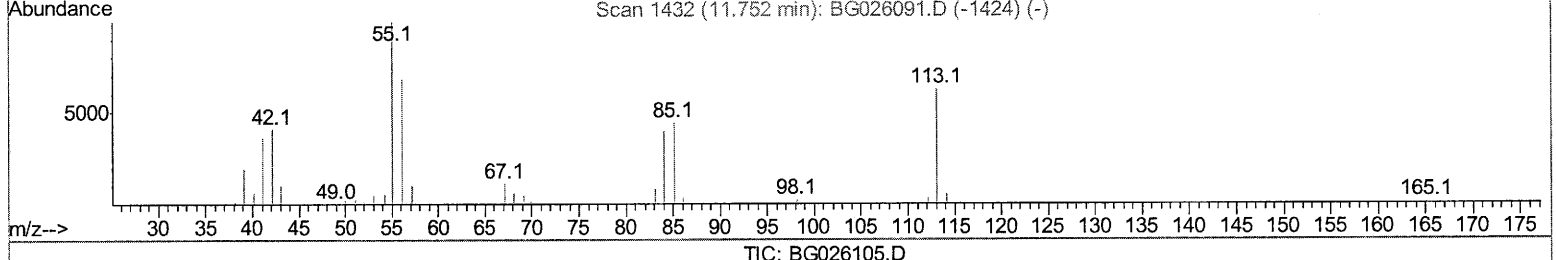
Quant Time: Mar 08 11:37:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
3/8/2017 1:48:01 PM







TIC: BG026105.D

(32) Caprolactam

11.757min (+0.005) 14.85ng/ul m SJ 3/8/17

response 37879

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	139.63
56.00	101.50	95.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG030717\
Data File : BG026105.D
Acq On : 8 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
3/8/2017 1:48:01 PM

Quant Time: Mar 08 11:39:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	126565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	546007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	320968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	766135	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	965062	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	932198	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	22525	7.65	ng/uL	0.00
5) Phenol-d5	7.22	99	156908	16.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	116677	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	135288	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	122188	16.62	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	80424	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	55947	17.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	138405	19.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	209050	21.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	414839	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	626012	22.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	71329	17.35	ng/ul	0.00
57) Fluorene-d10	15.65	176	459756	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	56438	15.70	ng/ul	0.00
70) Anthracene-d10	17.49	188	709334	20.40	ng/ul	0.00
78) Pyrene-d10	19.77	212	831815	20.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	842953	20.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	24311	7.42	ng/uL#	84
4) Benzaldehyde	7.20	77	128630	21.44	ng/ul	91
6) Phenol	7.24	94	169085	17.35	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.47	93	157544	19.92	ng/ul	92
10) 2-Chlorophenol	7.63	128	131528	17.69	ng/ul#	90
11) 2-Methylphenol	8.50	108	125944	16.96	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.60	45	173410	18.81	ng/ul	93
14) Acetophenone	8.88	105	240442	19.94	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.86	70	111385	19.59	ng/ul	96
16) 4-Methylphenol	8.82	108	139953	17.38	ng/ul	99
17) Hexachloroethane	9.15	117	58250	18.89	ng/ul#	82
20) Nitrobenzene	9.26	77	161768	19.36	ng/ul	94
21) Isophorone	9.78	82	286716	18.17	ng/ul	95
23) 2-Nitrophenol	9.97	139	62465	18.14	ng/ul#	90
24) 2,4-Dimethylphenol	10.02	107	137520	17.75	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.26	93	204338	19.86	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	134053	18.90	ng/ul	98
28) Naphthalene	10.91	128	538020	20.22	ng/ul	99
30) 4-Chloroaniline	11.01	127	198575	21.00	ng/ul	98
31) Hexachlorobutadiene	11.20	225	102520	19.98	ng/ul	99
32) Caprolactam	11.76	113	37879m>	14.85	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	133626	19.28	ng/ul	89
34) 2-Methylnaphthalene	12.51	142	414385	20.84	ng/ul	99

SJ 3/8/17

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG030717\
Data File : BG026105.D
Acq On : 8 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
3/8/2017 1:48:01 PM

Quant Time: Mar 08 11:39:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	203075	22.38	ng/ul	96
37) Hexachlorocyclopentadiene	12.86	237	96196	20.15	ng/ul	98
38) 2,4,6-Trichlorophenol	13.10	196	93634	19.85	ng/ul	99
39) 2,4,5-Trichlorophenol	13.18	196	101170	19.96	ng/ul	94
40) 1,1'-Biphenyl	13.51	154	532053	22.55	ng/ul	97
41) 2-Chloronaphthalene	13.55	162	387568	22.03	ng/ul	93
42) 2-Nitroaniline	13.74	65	83905	20.94	ng/ul	95
44) Dimethylphthalate	14.11	163	417811	20.42	ng/ul	98
45) 2,6-Dinitrotoluene	14.23	165	98364	23.54	ng/ul	94
47) Acenaphthylene	14.39	152	633508	22.42	ng/ul	97
48) 3-Nitroaniline	14.56	138	104607	22.57	ng/ul#	88
49) Acenaphthene	14.73	153	445931	22.51	ng/ul	99
50) 2,4-Dinitrophenol	14.77	184	30391	15.62	ng/ul	92
52) 4-Nitrophenol	14.85	109	42260	17.80	ng/ul#	59
53) Dibenzofuran	15.06	168	624841	22.53	ng/ul	89
54) 2,4-Dinitrotoluene	15.02	165	142026	22.71	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.28	232	86742	19.15	ng/ul	94
56) Diethylphthalate	15.47	149	395079	19.69	ng/ul	95
58) Fluorene	15.71	166	513232	22.29	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.70	204	248065	22.56	ng/ul#	83
60) 4-Nitroaniline	15.71	138	117864	21.81	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.78	198	60425	15.55	ng/ul#	84
64) N-Nitrosodiphenylamine	15.90	169	426746	20.27	ng/ul	98
65) 4-Bromophenyl-phenylether	16.59	248	163378	20.64	ng/ul#	87
66) Hexachlorobenzene	16.71	284	182914	21.07	ng/ul#	89
67) Atrazine	16.84	200	134280	17.66	ng/ul	98
68) Pentachlorophenol	17.05	266	68769	15.54	ng/ul	98
69) Phenanthrene	17.44	178	824452	20.30	ng/ul	98
71) Anthracene	17.53	178	842597	20.59	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.47	216	189956	20.72	ng/uL	99
73) Pentachlorobenzene	14.99	250	198418	21.11	ng/uL	99
74) Carbazole	17.79	167	777604	21.16	ng/ul	97
75) Di-n-butylphthalate	18.35	149	629111	16.92	ng/ul	98
76) Fluoranthene	19.44	202	1013324	22.13	ng/ul	99
79) Pyrene	19.80	202	1042200	21.18	ng/ul	99
80) Butylbenzylphthalate	20.68	149	248073	15.40	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.53	252	288976	17.35	ng/ul	99
82) Benzo(a)anthracene	21.62	228	1066312	20.19	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	378650	15.06	ng/ul#	96
84) Chrysene	21.69	228	1015888	20.11	ng/ul	97
86) Di-n-octyl phthalate	22.72	149	651111	15.60	ng/ul	98
87) Benzo(b)fluoranthene	23.81	252	1066235	20.63	ng/ul	100
88) Benzo(k)fluoranthene	23.88	252	1059041	21.03	ng/ul	97
90) Benzo(a)pyrene	24.68	252	1034669	20.37	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.45	276	1242942	20.30	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.51	278	1018323	20.16	ng/ul	99
93) Benzo(g,h,i)perylene	29.58	276	1027054	20.19	ng/ul	97

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