

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
 Data File : BG023248.D
 Acq On : 25 Jul 2016 11:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02011

Manual Integrations

APPROVED
 SOHIL
 7/26/2016 11:40:20 AM

Quant Time: Jul 25 12:00:01 2016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jul 21 04:24:30 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	107654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	529846	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	398197	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	990603	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1027096	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1029030	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	20420	8.58	ng/uL	0.00
5) Phenol-d5	7.29	99	223576	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	152238	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	150895	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	172424	19.97	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	82038	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	91519	18.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	179769	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	207375	21.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	659646	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	771590	20.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	94403	16.16	ng/ul	0.00
57) Fluorene-d10	15.80	176	616343	20.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	120851	17.73	ng/ul	0.00
70) Anthracene-d10	17.67	188	966680	20.85	ng/ul	0.00
76) Pyrene-d10	19.96	212	1087586	20.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	972221	20.12	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.54	88	22424	8.80 ng/uL#	51
4) Benzaldehyde	7.27	77	155352	22.54 ng/ul#	79
6) Phenol	7.31	94	234926	20.34 ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.55	93	179354	20.66 ng/ul	91
10) 2-Chlorophenol	7.70	128	156618	20.45 ng/ul#	87
11) 2-Methylphenol	8.58	108	171832	20.14 ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.67	45	250683	21.34 ng/ul	99
14) Acetophenone	8.97	105	307725	20.48 ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.95	70	198989	20.07 ng/ul#	85
16) 4-Methylphenol	8.91	108	194322	20.46 ng/ul	89
17) Hexachloroethane	9.24	117	72225	19.92 ng/ul#	82
20) Nitrobenzene	9.36	77	272700	19.93 ng/ul#	79
21) Isophorone	9.88	82	487619	18.69 ng/ul#	91
23) 2-Nitrophenol	10.08	139	101742	19.27 ng/ul#	49
24) 2,4-Dimethylphenol	10.13	107	231219	19.06 ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.37	93	280906	19.47 ng/ul#	98
27) 2,4-Dichlorophenol	10.62	162	182108	19.77 ng/ul	95
28) Naphthalene	11.03	128	553183	20.76 ng/ul	99
30) 4-Chloroaniline	11.14	127	220476	22.14 ng/ul	99
31) Hexachlorobutadiene	11.31	225	136074	18.38 ng/ul	96
32) Caprolactam	11.89	113	78075m	20.44 ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	234087	19.35 ng/ul#	80
34) 2-Methylnaphthalene	12.63	142	452611	20.53 ng/ul	94

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
 Data File : BG023248.D
 Acq On : 25 Jul 2016 11:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02011

Manual Integrations

APPROVED
 SOHIL
 7/26/2016 11:40:20 AM

Quant Time: Jul 25 12:00:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 21 04:24:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	255647	19.24	ng/ul	97
37) Hexachlorocyclopentadiene	12.97	237	162072	18.75	ng/ul	94
38) 2,4,6-Trichlorophenol	13.24	196	168293	18.30	ng/ul	98
39) 2,4,5-Trichlorophenol	13.32	196	174710	18.62	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	613754	20.55	ng/ul	97
41) 2-Chloronaphthalene	13.68	162	479990	19.94	ng/ul	96
42) 2-Nitroaniline	13.89	65	201511	18.82	ng/ul#	64
44) Dimethylphthalate	14.25	163	667533	19.90	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	142422	19.57	ng/ul#	83
47) Acenaphthylene	14.54	152	797850	20.94	ng/ul	99
48) 3-Nitroaniline	14.72	138	142276	22.89	ng/ul#	60
49) Acenaphthene	14.88	153	523615	20.33	ng/ul	97
50) 2,4-Dinitrophenol	14.92	184	74858	16.40	ng/ul#	79
52) 4-Nitrophenol	15.03	109	119612	17.19	ng/ul#	66
53) Dibenzofuran	15.21	168	795297	20.93	ng/ul	92
54) 2,4-Dinitrotoluene	15.17	165	213416	19.25	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	15.44	232	161726	17.06	ng/ul#	90
56) Diethylphthalate	15.62	149	718075	20.13	ng/ul	98
58) Fluorene	15.86	166	658271	21.01	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.85	204	341699	19.90	ng/ul	95
60) 4-Nitroaniline	15.89	138	166689	21.82	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.94	198	132114	18.33	ng/ul#	86
64) N-Nitrosodiphenylamine	16.07	169	584242	20.41	ng/ul	94
65) 4-Bromophenyl-phenylether	16.75	248	226929	19.91	ng/ul	93
66) Hexachlorobenzene	16.87	284	232696	19.94	ng/ul	97
67) Atrazine	17.02	200	229919	18.84	ng/ul	98
68) Pentachlorophenol	17.22	266	121578	16.79	ng/ul	94
69) Phenanthrene	17.61	178	1063404	20.84	ng/ul	97
71) Anthracene	17.71	178	1129907	21.13	ng/ul	98
72) Carbazole	17.98	167	947714	22.53	ng/ul	98
73) Di-n-butylphthalate	18.53	149	1166141	19.99	ng/ul#	95
74) Fluoranthene	19.62	202	1269960	23.70	ng/ul#	93
77) Pyrene	19.99	202	1288349	20.63	ng/ul#	93
78) Butylbenzylphthalate	20.87	149	533965	19.69	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.79	252	402807	19.66	ng/ul#	97
80) Benzo(a)anthracene	21.87	228	1258409	20.64	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.76	149	746589	20.15	ng/ul	97
82) Chrysene	21.94	228	1157842	20.93	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	1259347	22.08	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1237176	19.76	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	1208166	20.36	ng/ul#	89
88) Benzo(a)pyrene	25.14	252	1221947	20.48	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.19	276	1332160	19.83	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.26	278	1126295m	20.36	ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	1130381m	20.36	ng/ul	

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

