

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
 Data File : BG019588.D
 Acq On : 12 Nov 2015 17:44
 Operator : UM/NP
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

Quant Time: Nov 13 10:15:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 10:06:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	29067	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	122272	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	99164	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	270313	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	338142	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	326560	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	4189	6.90	ng/uL	0.00
5) Phenol-d5	7.32	99	51449	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	34995	20.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	32099	19.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	42669	20.08	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	16740	18.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	19194	17.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	44387	19.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	49882	21.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	151219	18.50	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	170136	18.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	22542	17.36	ng/ul	0.00
58) Fluorene-d10	15.79	176	136040	17.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	29451	16.83	ng/ul	0.00
71) Anthracene-d10	17.65	188	225284	18.28	ng/ul	0.00
79) Pyrene-d10	19.92	212	263099	17.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	292719	17.86	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.51	88	5125	7.42	ng/uL#	84
4) Benzaldehyde	7.30	77	39210	22.59	ng/ul	93
6) Phenol	7.35	94	56726	19.96	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.58	93	40026	20.50	ng/ul	92
10) 2-Chlorophenol	7.73	128	31549	18.40	ng/ul	96
11) 2-Methylphenol	8.61	108	41024	19.51	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.70	45	34400	21.98	ng/ul	91
14) Acetophenone	9.00	105	69524	19.49	ng/ul	85
15) N-Nitroso-di-n-propylamine	8.98	70	45558	19.48	ng/ul#	90
16) 4-Methylphenol	8.94	108	45887	19.99	ng/ul	92
17) Hexachloroethane	9.27	117	15790	17.63	ng/ul	92
20) Nitrobenzene	9.39	77	64289	18.30	ng/ul	97
21) Isophorone	9.91	82	123318	19.37	ng/ul	96
23) 2-Nitrophenol	10.11	139	21513	17.76	ng/ul#	78
24) 2,4-Dimethylphenol	10.15	107	57747	18.25	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.39	93	60690	20.14	ng/ul#	98
27) 2,4-Dichlorophenol	10.64	162	41509	18.77	ng/ul	97
28) Naphthalene	11.05	128	112812	18.44	ng/ul	95
30) 4-Chloroaniline	11.16	127	52705	21.47	ng/ul	99
31) Hexachlorobutadiene	11.33	225	37423	16.56	ng/ul	90
32) Caprolactam	11.90	113	16476	20.79	ng/ul	96
33) 4-Chloro-3-methylphenol	12.27	107	58082	19.56	ng/ul#	95
34) 2-Methylnaphthalene	12.65	142	89929	18.29	ng/ul	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
 Data File : BG019588.D
 Acq On : 12 Nov 2015 17:44
 Operator : UM/NP
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

Quant Time: Nov 13 10:15:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 10:06:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	89030	19.14	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	68218	16.69	ng/ul	98
38) Hexachlorocyclopentadiene	12.99	237	38500	12.69	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.24	196	42657	17.65	ng/ul	94
40) 2,4,5-Trichlorophenol	13.32	196	47232	17.81	ng/ul	90
41) 1,1'-Biphenyl	13.64	154	130641	18.64	ng/ul#	95
42) 2-Chloronaphthalene	13.69	162	98553	18.02	ng/ul	98
43) 2-Nitroaniline	13.89	65	45015	19.25	ng/ul	92
45) Dimethylphthalate	14.25	163	153561	18.36	ng/ul#	97
46) 2,6-Dinitrotoluene	14.37	165	32405	19.15	ng/ul	87
48) Acenaphthylene	14.53	152	172139	18.56	ng/ul	99
49) 3-Nitroaniline	14.71	138	29142	20.00	ng/ul#	99
50) Acenaphthene	14.87	153	115687	18.47	ng/ul	94
51) 2,4-Dinitrophenol	14.91	184	17157	13.48	ng/ul	93
53) 4-Nitrophenol	15.01	109	29644	14.64	ng/ul#	58
54) Dibenzofuran	15.20	168	172721	18.72	ng/ul	96
55) 2,4-Dinitrotoluene	15.16	165	48960	18.32	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.42	232	49073	17.70	ng/ul#	98
57) Diethylphthalate	15.60	149	149212	18.08	ng/ul	95
59) Fluorene	15.85	166	145743	18.11	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	84506	17.67	ng/ul	97
61) 4-Nitroaniline	15.86	138	29591	17.68	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.92	198	31261	16.52	ng/ul#	89
65) N-Nitrosodiphenylamine	16.05	169	130126	18.61	ng/ul	96
66) 4-Bromophenyl-phenylether	16.73	248	57844	18.01	ng/ul	99
67) Hexachlorobenzene	16.85	284	60914	17.87	ng/ul	98
68) Atrazine	16.99	200	61897	17.86	ng/ul	97
69) Pentachlorophenol	17.19	266	31919	15.86	ng/ul	93
70) Phenanthrene	17.59	178	254978	18.69	ng/ul	98
72) Anthracene	17.68	178	254678	18.31	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	69726	17.80	ng/uL	97
74) Pentachlorobenzene	15.12	250	70001	17.73	ng/uL	92
75) Carbazole	17.95	167	208534	18.79	ng/ul	97
76) Di-n-butylphthalate	18.49	149	251879	18.31	ng/ul	97
77) Fluoranthene	19.59	202	330751	18.73	ng/ul#	96
80) Pvrene	19.95	202	343137	18.08	ng/ul#	90
81) Butylbenzylphthalate	20.82	149	119104	19.31	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.72	252	123893	18.70	ng/ul#	96
83) Benzo(a)anthracene	21.81	228	361449	18.35	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	172484	19.68	ng/ul	97
85) Chrysene	21.88	228	342484	18.54	ng/ul	95
87) Di-n-octyl phthalate	22.94	149	297630	20.13	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	343875	17.85	ng/ul#	97
89) Benzo(k)fluoranthene	24.17	252	344770	18.60	ng/ul#	99
91) Benzo(a)pyrene	25.02	252	334548	18.08	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.01	276	375492	18.01	ng/ul#	94
93) Dibenzo(a,h)anthracene	29.08	278	301032	17.30	ng/ul#	95
94) Benzo(a,h,i)perylene	30.22	276	310164	19.61	ng/ul#	89

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019588.D
Acq On : 12 Nov 2015 17:44
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Quant Time: Nov 13 10:15:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 10:06:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

