

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101417\
 Data File : BG029195.D
 Acq On : 13 Oct 2017 17:31
 Operator : SJ/JU
 Sample : SSTD16062
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16062

Quant Time: Oct 13 18:09:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 16:52:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	93826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	416775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	243428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	527343	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	485309	20.00	ng/ul	0.01
83) Perylene-d12	25.12	264	492880	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	136297	161.93	ng/uL	0.00
5) Phenol-d5	7.33	99	1432803	157.56	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.50	67	873699	145.22	ng/ul	0.01
9) 2-Chlorophenol-d4	7.71	132	1041833	164.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	1174551	137.57	ng/ul	0.02
19) Nitrobenzene-d5	9.35	128	537754	166.24	ng/ul	0.01
22) 2-Nitrophenol-d4	10.07	143	576005	191.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	1109806	148.70	ng/ul	0.01
29) 4-Chloroaniline-d4	11.12	131	1100212	129.21	ng/ul	0.01
43) Dimethylphthalate-d6	14.20	166	2820611	138.91	ng/ul	0.02
46) Acenaphthylene-d8	14.49	160	3462290	136.04	ng/ul	0.01
51) 4-Nitrophenol-d4	15.00	143	602670	143.39	ng/ul	0.04
57) Fluorene-d10	15.78	176	2397099	133.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	488448	184.69	ng/ul	0.03
70) Anthracene-d10	17.64	188	3323267	131.39	ng/ul	0.02
76) Pyrene-d10	19.91	212	3426686	130.72	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.91	264	3559775	140.87	ng/ul	0.03

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.58	88	151942	140.017	ng/uL#	83
4) Benzaldehyde	7.30	77	679029	103.152	ng/ul	97
6) Phenol	7.36	94	1448556	154.504	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.59	93	1092575	148.689	ng/ul	94
10) 2-Chlorophenol	7.74	128	1039972	161.175	ng/ul	98
11) 2-Methylphenol	8.61	108	1110338	163.807	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.71	45	1584864	120.642	ng/ul#	92
14) Acetophenone	9.01	105	1687073	112.298	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.01	70	967291	127.580	ng/ul	94
16) 4-Methylphenol	8.96	108	1213349	125.498	ng/ul	95
17) Hexachloroethane	9.27	117	413291	132.488	ng/ul	86
20) Nitrobenzene	9.39	77	1312034	140.626	ng/ul#	90
21) Isophorone	9.92	82	2525667	133.533	ng/ul	97
23) 2-Nitrophenol	10.10	139	619379	181.927	ng/ul#	87
24) 2,4-Dimethylphenol	10.16	107	1266255	136.452	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.39	93	1554650	144.593	ng/ul	94
27) 2,4-Dichlorophenol	10.64	162	1030381	144.604	ng/ul	91
28) Naphthalene	11.05	128	3032431	134.236	ng/ul#	93
30) 4-Chloroaniline	11.15	127	1067987	126.985	ng/ul	92
31) Hexachlorobutadiene	11.33	225	592894	104.268	ng/ul	100
32) Caprolactam	11.96	113	261457	71.798	ng/ul	96
33) 4-Chloro-3-methylphenol	12.27	107	1198671	137.096	ng/ul	98
34) 2-Methylnaphthalene	12.64	142	2280696	112.106	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101417\
 Data File : BG029195.D
 Acq On : 13 Oct 2017 17:31
 Operator : SJ/JU
 Sample : SSTD16062
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16062

Quant Time: Oct 13 18:09:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 16:52:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	1115604	166.595	ng/ul#	97
37) Hexachlorocyclopentadiene	12.98	237	669128	172.591	ng/ul	100
38) 2,4,6-Trichlorophenol	13.24	196	842363	185.376	ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	870034	180.239	ng/ul	98
40) 1,1'-Biphenyl	13.64	154	2693745	156.987	ng/ul#	88
41) 2-Chloronaphthalene	13.68	162	2198725	166.761	ng/ul	92
42) 2-Nitroaniline	13.88	65	870395	209.842	ng/ul	96
44) Dimethylphthalate	14.25	163	2666515	129.788	ng/ul#	93
45) 2,6-Dinitrotoluene	14.37	165	655205	196.839	ng/ul	100
47) Acenaphthylene	14.52	152	3315566	129.591	ng/ul#	83
48) 3-Nitroaniline	14.70	138	595987	164.464	ng/ul	91
49) Acenaphthene	14.86	153	2481292	138.502	ng/ul	96
50) 2,4-Dinitrophenol	14.91	184	370065	191.623	ng/ul	92
52) 4-Nitrophenol	15.01	109	453368	127.981	ng/ul#	76
53) Dibenzofuran	15.19	168	3097750	119.424	ng/ul	90
54) 2,4-Dinitrotoluene	15.16	165	887331	165.592	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.42	232	740928	146.454	ng/ul#	94
56) Diethylphthalate	15.61	149	2711131	112.873	ng/ul#	91
58) Fluorene	15.85	166	2578911	131.400	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.83	204	1279425	131.232	ng/ul	99
60) 4-Nitroaniline	15.88	138	726008	144.633	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.92	198	497229	182.607	ng/ul#	97
64) N-Nitrosodiphenylamine	16.04	169	2299962	145.635	ng/ul	88
65) 4-Bromophenyl-phenylether	16.72	248	819826	143.584	ng/ul	97
66) Hexachlorobenzene	16.85	284	791857	131.626	ng/ul#	93
67) Atrazine	16.99	200	882764	131.778	ng/ul	99
68) Pentachlorophenol	17.18	266	551566	155.028	ng/ul	96
69) Phenanthrene	17.58	178	3616161	127.329	ng/ul#	83
71) Anthracene	17.67	178	3596158	122.495	ng/ul#	82
72) Carbazole	17.93	167	3491231	130.052	ng/ul#	87
73) Di-n-butylphthalate	18.48	149	3843590	119.990	ng/ul#	87
74) Fluoranthene	19.57	202	3970429	95.600	ng/ul#	75
77) Pyrene	19.94	202	3849817	113.862	ng/ul#	67
78) Butylbenzylphthalate	20.81	149	2051982	148.648	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.69	252	1215329	119.741	ng/ul	99
80) Benzo(a)anthracene	21.79	228	4063284	127.605	ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.68	149	2744478	137.602	ng/ul#	89
82) Chrysene	21.86	228	3670882	127.864	ng/ul#	80
84) Di-n-octyl phthalate	22.93	149	4596042	118.389	ng/ul	100
85) Benzo(b)fluoranthene	24.08	252	4249541	131.941	ng/ul#	90
86) Benzo(k)fluoranthene	24.15	252	4065916	130.818	ng/ul#	89
88) Benzo(a)pyrene	24.99	252	4123591	135.675	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	28.95	276	5157501	165.060	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.03	278	4134737	156.468	ng/ul#	88
91) Benzo(g,h,i)perylene	30.15	276	4222260	161.358	ng/ul#	85

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

