

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030609.D
 Acq On : 31 Oct 2017 12:44
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02081

Manual Integrations
 APPROVED

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 10/31/2017 7:44:05 PM

Quant Time: Oct 31 14:55:41 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	86717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	414579	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	263967	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	581643	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	598104	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	613152	20.00	ng/ul	0.02

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	14682	6.88	ng/uL	0.00
5) Phenol-d5	7.32	99	141387	16.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	80059	15.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	114723	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	127481	18.96	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	58687	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	69285	22.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	137562	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	165432	20.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	397127	17.60	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	524933	19.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	64832	15.56	ng/ul	0.00
57) Fluorene-d10	15.77	176	369796	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	64904	22.86	ng/ul	0.00
70) Anthracene-d10	17.62	188	524934	19.08	ng/ul	0.00
76) Pyrene-d10	19.89	212	587846	18.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	555824	19.14	ng/ul	0.01

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Target Compounds

					Qvalue
2) 1,4-Dioxane	3.58	88	15942	6.128 ng/uL#	86
4) Benzaldehyde	7.29	77	90372	17.573 ng/ul	94
6) Phenol	7.34	94	151254	17.563 ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.57	93	108552	16.558 ng/ul	87
10) 2-Chlorophenol	7.73	128	113909	18.979 ng/ul#	89
11) 2-Methylphenol	8.60	108	114643	17.805 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.69	45	170948	17.792 ng/ul#	98
14) Acetophenone	8.98	105	180567	17.590 ng/ul	88
15) N-Nitroso-di-n-propylamine	8.96	70	92928	16.335 ng/ul#	94
16) 4-Methylphenol	8.93	108	128251	18.283 ng/ul	98
17) Hexachloroethane	9.25	117	43813	18.282 ng/ul	87
20) Nitrobenzene	9.37	77	133780	16.487 ng/ul#	87
21) Isophorone	9.89	82	264132	15.406 ng/ul	95
23) 2-Nitrophenol	10.08	139	73096	21.600 ng/ul#	80
24) 2,4-Dimethylphenol	10.14	107	143416	17.428 ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.36	93	163626	15.855 ng/ul	96
27) 2,4-Dichlorophenol	10.62	162	135278	20.330 ng/ul	97
28) Naphthalene	11.03	128	386427	17.615 ng/ul	99
30) 4-Chloroaniline	11.13	127	159550	20.195 ng/ul	96
31) Hexachlorobutadiene	11.31	225	91852	22.098 ng/ul	96
32) Caprolactam	11.89	113	45237	15.884 ng/ul	91
33) 4-Chloro-3-methylphenol	12.24	107	137970	17.672 ng/ul	92
34) 2-Methylnaphthalene	12.62	142	309894	17.066 ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.98	216	183154	23.414	ng/ul	92
37) Hexachlorocyclopentadiene	12.96	237	71638	17.373	ng/ul	93
38) 2,4,6-Trichlorophenol	13.22	196	121303	22.383	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	124437	21.747	ng/ul	99
40) 1,1'-Biphenyl	13.61	154	404912	18.605	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	323867	19.660	ng/ul	96
42) 2-Nitroaniline	13.86	65	86502	16.763	ng/ul#	81
44) Dimethylphthalate	14.22	163	399886	18.167	ng/ul	100
45) 2,6-Dinitrotoluene	14.35	165	85819	22.290	ng/ul#	82
47) Acenaphthylene	14.51	152	497331	17.764	ng/ul	97
48) 3-Nitroaniline	14.68	138	82468	19.769	ng/ul#	83
49) Acenaphthene	14.85	153	337183	17.604	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	58399	28.340	ng/ul#	75
52) 4-Nitrophenol	14.99	109	46091m	14.661	ng/ul	
53) Dibenzofuran	15.18	168	491337	18.763	ng/ul	93
54) 2,4-Dinitrotoluene	15.14	165	119766	21.276	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.40	232	112636	22.386	ng/ul#	90
56) Diethylphthalate	15.58	149	388583	17.132	ng/ul	98
58) Fluorene	15.82	166	382314	18.301	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.81	204	213314	21.703	ng/ul	89
60) 4-Nitroaniline	15.83	138	83903	16.361	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.90	198	69069	23.024	ng/ul#	78
64) N-Nitrosodiphenylamine	16.02	169	335639	19.347	ng/ul	97
65) 4-Bromophenyl-phenylether	16.70	248	138519	23.606	ng/ul	92
66) Hexachlorobenzene	16.83	284	147161	24.511	ng/ul	92
67) Atrazine	16.96	200	132882	20.170	ng/ul	96
68) Pentachlorophenol	17.17	266	75758	21.180	ng/ul	90
69) Phenanthrene	17.56	178	583464	18.556	ng/ul	97
71) Anthracene	17.66	178	600751	18.518	ng/ul	99
72) Carbazole	17.92	167	532552	18.262	ng/ul	98
73) Di-n-butylphthalate	18.46	149	636509	18.166	ng/ul	99
74) Fluoranthene	19.56	202	707703	20.139	ng/ul	99
77) Pyrene	19.92	202	718631	17.928	ng/ul	99
78) Butylbenzylphthalate	20.79	149	295241	18.165	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.68	252	263043	24.033	ng/ul	98
80) Benzo(a)anthracene	21.77	228	726930	19.394	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	416389	17.678	ng/ul#	99
82) Chrysene	21.85	228	663645	19.486	ng/ul	99
84) Di-n-octyl phthalate	22.90	149	710002	17.307	ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	714181	19.402	ng/ul	97
86) Benzo(k)fluoranthene	24.12	252	703494	19.767	ng/ul	99
88) Benzo(a)pyrene	24.96	252	696890	19.450	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.93	276	845579	20.859	ng/ul	99
90) Dibenzo(a,h)anthracene	28.98	278	706144	20.969	ng/ul	97
91) Benzo(g,h,i)perylene	30.12	276	693354	20.634	ng/ul	98

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

