

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028247.D
 Acq On : 10 Aug 2017 5:01
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02058

Quant Time: Aug 10 07:19:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 10 04:16:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	47545	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	204278	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	139612	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	342940	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	384334	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	367264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	8758	8.58	ng/uL	0.01
5) Phenol-d5	7.50	99	90212	17.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	58639	17.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	61458	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	72633	16.64	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	31934	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	36900	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	72980	20.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	87796	21.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	244670	19.70	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	283203	20.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	34506	17.48	ng/ul	0.00
57) Fluorene-d10	15.95	176	212071	19.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	44732	20.08	ng/ul	0.00
70) Anthracene-d10	17.81	188	326306	19.84	ng/ul	0.00
76) Pyrene-d10	20.08	212	372207	18.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	335107	19.49	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.88	88	9178	8.559	ng/uL# 72
4) Benzaldehyde	7.49	77	58369	19.342	ng/ul 90
6) Phenol	7.53	94	90067	17.356	ng/ul 91
8) Bis(2-Chloroethyl)ether	7.76	93	65220	18.449	ng/ul 90
10) 2-Chlorophenol	7.92	128	59958	18.678	ng/ul 98
11) 2-Methylphenol	8.79	108	63423	17.314	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.88	45	140391	16.360	ng/ul# 94
14) Acetophenone	9.17	105	104586	16.803	ng/ul 94
15) N-Nitroso-di-n-propylamine	9.15	70	62859	17.770	ng/ul# 93
16) 4-Methylphenol	9.11	108	69814	16.879	ng/ul 96
17) Hexachloroethane	9.45	117	25728	19.341	ng/ul 91
20) Nitrobenzene	9.56	77	90325	19.534	ng/ul 98
21) Isophorone	10.08	82	169405	19.283	ng/ul 98
23) 2-Nitrophenol	10.28	139	36838	20.835	ng/ul# 86
24) 2,4-Dimethylphenol	10.32	107	86549	19.694	ng/ul# 91
25) Bis(2-Chloroethoxy)methane	10.56	93	92863	19.406	ng/ul# 96
27) 2,4-Dichlorophenol	10.81	162	66462	20.148	ng/ul 94
28) Naphthalene	11.23	128	199736	19.742	ng/ul 97
30) 4-Chloroaniline	11.33	127	80567	20.606	ng/ul 93
31) Hexachlorobutadiene	11.50	225	52048	21.376	ng/ul 89
32) Caprolactam	12.07	113	25402	18.519	ng/ul 83
33) 4-Chloro-3-methylphenol	12.42	107	80842	19.200	ng/ul 99
34) 2-Methylnaphthalene	12.81	142	155950	19.190	ng/ul 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	95232	21.162	ng/ul	99
37) Hexachlorocyclopentadiene	13.14	237	50644	20.396	ng/ul	99
38) 2,4,6-Trichlorophenol	13.40	196	61630	21.973	ng/ul	92
39) 2,4,5-Trichlorophenol	13.48	196	66952	21.900	ng/ul	93
40) 1,1'-Biphenyl	13.79	154	208499	20.448	ng/ul	94
41) 2-Chloronaphthalene	13.85	162	161074	19.989	ng/ul	94
42) 2-Nitroaniline	14.04	65	66283	19.619	ng/ul	98
44) Dimethylphthalate	14.39	163	220631	19.297	ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	46608	19.744	ng/ul#	95
47) Acenaphthylene	14.69	152	265776	19.864	ng/ul	98
48) 3-Nitroaniline	14.86	138	41267	19.414	ng/ul#	86
49) Acenaphthene	15.02	153	178317	19.753	ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	25134	18.897	ng/ul	90
52) 4-Nitrophenol	15.16	109	37533	18.347	ng/ul#	76
53) Dibenzofuran	15.36	168	258276	19.623	ng/ul	98
54) 2,4-Dinitrotoluene	15.31	165	70491	19.704	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.58	232	60495	21.247	ng/ul#	93
56) Diethylphthalate	15.75	149	245469	18.301	ng/ul	98
58) Fluorene	16.00	166	220809	18.949	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.98	204	121481	19.431	ng/ul	89
60) 4-Nitroaniline	16.02	138	44796	17.763	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.07	198	44329	19.624	ng/ul#	98
64) N-Nitrosodiphenylamine	16.20	169	183847	20.377	ng/ul	96
65) 4-Bromophenyl-phenylether	16.88	248	77751	21.094	ng/ul	99
66) Hexachlorobenzene	17.01	284	81130	20.676	ng/ul	97
67) Atrazine	17.14	200	76023	19.327	ng/ul	97
68) Pentachlorophenol	17.35	266	39779	20.015	ng/ul	89
69) Phenanthrene	17.75	178	343708	19.915	ng/ul	97
71) Anthracene	17.84	178	359290	20.369	ng/ul	99
72) Carbazole	18.11	167	304683	19.861	ng/ul	98
73) Di-n-butylphthalate	18.63	149	372114	19.486	ng/ul	97
74) Fluoranthene	19.74	202	422186	20.129	ng/ul	100
77) Pyrene	20.11	202	436748	19.047	ng/ul	99
78) Butylbenzylphthalate	20.97	149	172767	20.112	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.92	252	146132	19.708	ng/ul#	98
80) Benzo(a)anthracene	22.01	228	440231	19.824	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	247826	20.286	ng/ul	99
82) Chrysene	22.09	228	393767	19.689	ng/ul	98
84) Di-n-octyl phthalate	23.18	149	420463	19.104	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	423796	19.283	ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	415561	19.358	ng/ul	97
88) Benzo(a)pyrene	25.37	252	418932	19.687	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.55	276	486678	19.531	ng/ul#	97
90) Dibenzo(a,h)anthracene	29.62	278	412229	19.737	ng/ul	94
91) Benzo(g,h,i)perylene	30.81	276	402854	19.651	ng/ul#	96

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

