

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028557.D
 Acq On : 30 Aug 2017 17:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02095

Quant Time: Aug 31 01:37:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 31 01:32:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37740	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	154943	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	106951	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	274408	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	322402	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	303660	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6225	7.68	ng/uL	0.00
5) Phenol-d5	7.49	99	69737	16.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	44380	16.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	50631	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	60249	17.39	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	24359	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	31268	23.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	59568	21.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	68534	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	196721	20.68	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	226457	21.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	27903	18.45	ng/ul	0.00
57) Fluorene-d10	15.94	176	176188	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	35884	20.13	ng/ul	0.00
70) Anthracene-d10	17.80	188	274012	20.82	ng/ul	0.00
76) Pyrene-d10	20.08	212	315410	19.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	298057	20.97	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.86	88	7147	8.396	ng/uL 95
4) Benzaldehyde	7.48	77	47859	19.980	ng/ul 95
6) Phenol	7.52	94	69152	16.787	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.74	93	50749	18.086	ng/ul 93
10) 2-Chlorophenol	7.90	128	50033	19.636	ng/ul 92
11) 2-Methylphenol	8.77	108	50271	17.289	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.86	45	103310	15.167	ng/ul# 94
14) Acetophenone	9.16	105	87452	17.701	ng/ul# 85
15) N-Nitroso-di-n-propylamine	9.14	70	48890	17.411	ng/ul# 83
16) 4-Methylphenol	9.10	108	56190	17.115	ng/ul 95
17) Hexachloroethane	9.43	117	21285	20.158	ng/ul 91
20) Nitrobenzene	9.55	77	70420	20.078	ng/ul 93
21) Isophorone	10.07	82	133056	19.968	ng/ul 99
23) 2-Nitrophenol	10.27	139	29847	22.256	ng/ul 89
24) 2,4-Dimethylphenol	10.31	107	70989	21.297	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.54	93	76163	20.984	ng/ul 98
27) 2,4-Dichlorophenol	10.81	162	53422	21.352	ng/ul 94
28) Naphthalene	11.21	128	163157	21.261	ng/ul 96
30) 4-Chloroaniline	11.32	127	65477	22.078	ng/ul 98
31) Hexachlorobutadiene	11.48	225	43391	23.495	ng/ul 97
32) Caprolactam	12.07	113	20767	19.960	ng/ul 92
33) 4-Chloro-3-methylphenol	12.42	107	68333	21.397	ng/ul 97
34) 2-Methylnaphthalene	12.79	142	125045	20.287	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	81689	23.696	ng/ul#	90
37) Hexachlorocyclopentadiene	13.13	237	24401	12.828	ng/ul	98
38) 2,4,6-Trichlorophenol	13.39	196	52128	24.261	ng/ul	91
39) 2,4,5-Trichlorophenol	13.47	196	55057	23.509	ng/ul	97
40) 1,1'-Biphenyl	13.78	154	168252	21.540	ng/ul	98
41) 2-Chloronaphthalene	13.83	162	131568	21.314	ng/ul	95
42) 2-Nitroaniline	14.04	65	50627	19.561	ng/ul	93
44) Dimethylphthalate	14.38	163	179378	20.480	ng/ul	97
45) 2,6-Dinitrotoluene	14.52	165	39752	21.982	ng/ul#	92
47) Acenaphthylene	14.67	152	217365	21.207	ng/ul	96
48) 3-Nitroaniline	14.85	138	35542	21.827	ng/ul#	91
49) Acenaphthene	15.01	153	144324	20.870	ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	15291	15.007	ng/ul	88
52) 4-Nitrophenol	15.17	109	27124	17.308	ng/ul#	68
53) Dibenzofuran	15.34	168	212688	21.094	ng/ul	93
54) 2,4-Dinitrotoluene	15.31	165	58482	21.339	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.58	232	51093	23.425	ng/ul#	97
56) Diethylphthalate	15.74	149	194609	18.940	ng/ul	99
58) Fluorene	15.99	166	181256	20.305	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	101576	21.209	ng/ul	85
60) 4-Nitroaniline	16.02	138	39074	20.226	ng/ul#	73
63) 4,6-Dinitro-2-methylphenol	16.08	198	36066	19.953	ng/ul#	91
64) N-Nitrosodiphenylamine	16.19	169	153227	21.225	ng/ul	96
65) 4-Bromophenyl-phenylether	16.88	248	67218	22.791	ng/ul	92
66) Hexachlorobenzene	17.01	284	71602	22.805	ng/ul#	93
67) Atrazine	17.13	200	67547	21.461	ng/ul	97
68) Pentachlorophenol	17.35	266	28682	18.035	ng/ul	91
69) Phenanthrene	17.74	178	288621	20.900	ng/ul	98
71) Anthracene	17.83	178	298321	21.136	ng/ul	98
72) Carbazole	18.10	167	256360	20.885	ng/ul	98
73) Di-n-butylphthalate	18.63	149	316647	20.723	ng/ul#	97
74) Fluoranthene	19.74	202	350023	20.856	ng/ul	99
77) Pyrene	20.11	202	366937	19.077	ng/ul	99
78) Butylbenzylphthalate	20.96	149	145159	20.144	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.91	252	137673	22.133	ng/ul#	99
80) Benzo(a)anthracene	22.01	228	374776	20.119	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.86	149	208432	20.339	ng/ul	99
82) Chrysene	22.09	228	336769	20.074	ng/ul	98
84) Di-n-octyl phthalate	23.17	149	355233	19.521	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	367890	20.246	ng/ul#	98
86) Benzo(k)fluoranthene	24.49	252	365999	20.620	ng/ul#	97
88) Benzo(a)pyrene	25.38	252	359008	20.405	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.57	276	430952	20.917	ng/ul	99
90) Dibenzo(a,h)anthracene	29.63	278	365725	21.178	ng/ul	97
91) Benzo(g,h,i)perylene	30.84	276	358421	21.146	ng/ul	96

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

