

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027507.D
 Acq On : 17 Jun 2017 14:32
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02087

Manual Integrations
 APPROVED

mohammad
 6/19/2017 9:13:18 AM

Quant Time: Jun 19 01:49:36 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 19 00:57:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	38243	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	195692	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	130900	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	324444	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	347785	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	327933	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	7893	8.25	ng/uL	0.00
5) Phenol-d5	7.65	99	84145	20.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	62108	21.97	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	58522	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	66952	20.65	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	29656	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	32007	21.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	59050	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	87012	24.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	216936	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	259175	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	39421	18.39	ng/ul	0.00
57) Fluorene-d10	16.09	176	207389	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	38674	19.19	ng/ul	0.00
70) Anthracene-d10	17.95	188	305834	20.22	ng/ul	0.00
76) Pyrene-d10	20.22	212	335491	19.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	300206	20.33	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	4.11	88	8681	7.842 ng/uL#	84
4) Benzaldehyde	7.67	77	59476	24.528 ng/ul	85
6) Phenol	7.68	94	90220	20.760 ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.92	93	66126	20.690 ng/ul	98
10) 2-Chlorophenol	8.08	128	58809	21.321 ng/ul	98
11) 2-Methylphenol	8.94	108	64599	20.562 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.04	45	123040	23.128 ng/ul	97
14) Acetophenone	9.33	105	104522	20.858 ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.31	70	64504	22.784 ng/ul	87
16) 4-Methylphenol	9.26	108	72343	20.969 ng/ul	96
17) Hexachloroethane	9.61	117	22864	21.621 ng/ul#	72
20) Nitrobenzene	9.72	77	86094	21.503 ng/ul	95
21) Isophorone	10.24	82	165210	20.924 ng/ul#	95
23) 2-Nitrophenol	10.44	139	35858	21.621 ng/ul#	77
24) 2,4-Dimethylphenol	10.47	107	84899	21.490 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.71	93	98922	20.366 ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	61258	21.241 ng/ul	95
28) Naphthalene	11.39	128	202936	20.179 ng/ul	99
30) 4-Chloroaniline	11.49	127	84019	23.573 ng/ul	94
31) Hexachlorobutadiene	11.66	225	36278	20.449 ng/ul	91
32) Caprolactam	12.24	113	24790	19.490 ng/ul	86
33) 4-Chloro-3-methylphenol	12.57	107	85212	22.433 ng/ul	97
34) 2-Methylnaphthalene	12.95	142	154103	20.664 ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	76876	19.839	ng/ul	96
37) Hexachlorocyclopentadiene	13.29	237	41051	18.916	ng/ul	95
38) 2,4,6-Trichlorophenol	13.54	196	55341	21.582	ng/ul	97
39) 2,4,5-Trichlorophenol	13.61	196	56999	21.348	ng/ul	98
40) 1,1'-Biphenyl	13.94	154	205527	19.847	ng/ul#	94
41) 2-Chloronaphthalene	13.99	162	157069	20.112	ng/ul	94
42) 2-Nitroaniline	14.18	65	67467	22.960	ng/ul	95
44) Dimethylphthalate	14.54	163	216525	19.918	ng/ul	98
45) 2,6-Dinitrotoluene	14.66	165	43318	21.405	ng/ul	95
47) Acenaphthylene	14.83	152	257307	20.339	ng/ul	98
48) 3-Nitroaniline	15.00	138	44692	20.350	ng/ul#	91
49) Acenaphthene	15.17	153	176276	19.979	ng/ul	98
50) 2,4-Dinitrophenol	15.20	184	26265	18.733	ng/ul	94
52) 4-Nitrophenol	15.29	109	35039m	20.548	ng/ul	
53) Dibenzofuran	15.50	168	257147	19.997	ng/ul	94
54) 2,4-Dinitrotoluene	15.45	165	64726	20.889	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.72	232	54855	21.124	ng/ul#	88
56) Diethylphthalate	15.89	149	229357	19.965	ng/ul	99
58) Fluorene	16.15	166	213060	19.965	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.13	204	109897	20.488	ng/ul	92
60) 4-Nitroaniline	16.16	138	50785	18.880	ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	16.22	198	40499	19.052	ng/ul#	98
64) N-Nitrosodiphenylamine	16.34	169	192222	20.596	ng/ul	94
65) 4-Bromophenyl-phenylether	17.03	248	68322	20.790	ng/ul#	87
66) Hexachlorobenzene	17.16	284	72668	20.991	ng/ul	96
67) Atrazine	17.28	200	73021	20.427	ng/ul	99
68) Pentachlorophenol	17.50	266	43081	18.753	ng/ul	92
69) Phenanthrene	17.90	178	345144	19.796	ng/ul	99
71) Anthracene	17.99	178	359600	20.284	ng/ul	99
72) Carbazole	18.25	167	302397	19.832	ng/ul	99
73) Di-n-butylphthalate	18.78	149	385000	20.418	ng/ul#	97
74) Fluoranthene	19.89	202	395461	20.159	ng/ul#	83
77) Pyrene	20.25	202	411240	20.004	ng/ul#	83
78) Butylbenzylphthalate	21.13	149	170823	22.049	ng/ul	94
79) 3,3'-Dichlorobenzidine	22.10	252	134539	21.016	ng/ul#	96
80) Benzo(a)anthracene	22.21	228	406121	20.969	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.06	149	244211	21.947	ng/ul	97
82) Chrysene	22.28	228	365695	20.907	ng/ul	97
84) Di-n-octyl phthalate	23.42	149	420151	20.448	ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	387072	19.818	ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	386956	20.612	ng/ul#	95
88) Benzo(a)pyrene	25.71	252	375978	20.050	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.09	276	434448	20.295	ng/ul#	89
90) Dibenzo(a,h)anthracene	30.16	278	373573	20.325	ng/ul#	91
91) Benzo(g,h,i)perylene	31.41	276	355781	20.299	ng/ul#	87

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

