

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
 Data File : BG026476.D
 Acq On : 29 Mar 2017 4:36
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

Quant Time: Mar 29 05:38:10 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:29:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	166346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	700087	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	402652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	947033	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1083458	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1083137	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	28333	8.15	ng/uL	0.00
5) Phenol-d5	7.20	99	256202	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	144097	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	228484	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	206203	20.89	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	106149	21.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	127981	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	227171	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	281680	26.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	667081	21.39	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	827430	21.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	118391	19.52	ng/ul	0.00
57) Fluorene-d10	15.63	176	591275	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	123012	20.20	ng/ul	0.00
70) Anthracene-d10	17.48	188	899820	20.92	ng/ul	0.00
78) Pyrene-d10	19.76	212	1012292	20.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	973143	20.91	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.50	88	28315	7.62 ng/uL#	83
4) Benzaldehyde	7.18	77	144770	21.16 ng/ul	93
6) Phenol	7.23	94	270667	21.16 ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.46	93	203888	20.88 ng/ul	95
10) 2-Chlorophenol	7.61	128	221527	20.84 ng/ul	97
11) 2-Methylphenol	8.48	108	206361	20.63 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	194771	21.16 ng/ul	98
14) Acetophenone	8.86	105	316119	21.33 ng/ul	92
15) N-Nitroso-di-n-propylamine	8.84	70	144325	20.97 ng/ul	94
16) 4-Methylphenol	8.81	108	228135	21.07 ng/ul	99
17) Hexachloroethane	9.13	117	78763	20.02 ng/ul	85
20) Nitrobenzene	9.24	77	204305	20.55 ng/ul	95
21) Isophorone	9.76	82	395836	20.91 ng/ul#	94
23) 2-Nitrophenol	9.96	139	133748	21.68 ng/ul#	85
24) 2,4-Dimethylphenol	10.01	107	231093	20.86 ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.24	93	272387	20.82 ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	223335	21.01 ng/ul	94
28) Naphthalene	10.89	128	702844	20.92 ng/ul	99
30) 4-Chloroaniline	11.00	127	255295	24.98 ng/ul	99
31) Hexachlorobutadiene	11.18	225	142163	21.02 ng/ul	99
32) Caprolactam	11.74	113	72211	19.24 ng/ul	93
33) 4-Chloro-3-methylphenol	12.11	107	215298	20.92 ng/ul#	84
34) 2-Methylnaphthalene	12.49	142	550468	21.19 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	272281	21.48	ng/ul#	96
37) Hexachlorocyclopentadiene	12.83	237	125566	19.83	ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	175188	20.83	ng/ul	98
39) 2,4,5-Trichlorophenol	13.16	196	179826	20.77	ng/ul	98
40) 1,1'-Biphenyl	13.49	154	694430	21.50	ng/ul	97
41) 2-Chloronaphthalene	13.53	162	515869	21.16	ng/ul	93
42) 2-Nitroaniline	13.73	65	119396	21.06	ng/ul	95
44) Dimethylphthalate	14.10	163	632225	20.92	ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	136796	20.98	ng/ul	88
47) Acenaphthylene	14.37	152	829397	21.44	ng/ul	99
48) 3-Nitroaniline	14.55	138	139698	23.25	ng/ul	88
49) Acenaphthene	14.71	153	572712	21.34	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	63241	17.22	ng/ul#	80
52) 4-Nitrophenol	14.86	109	65579	20.37	ng/ul#	60
53) Dibenzofuran	15.04	168	807830	21.17	ng/ul	90
54) 2,4-Dinitrotoluene	15.00	165	200200	21.23	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.27	232	176097	21.15	ng/ul#	86
56) Diethylphthalate	15.45	149	629600	20.96	ng/ul	96
58) Fluorene	15.69	166	669507	21.10	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.68	204	326307	20.93	ng/ul#	86
60) 4-Nitroaniline	15.70	138	151648	20.25	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.77	198	132500	20.73	ng/ul#	85
64) N-Nitrosodiphenylamine	15.89	169	582519	21.50	ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	223017	21.41	ng/ul#	84
66) Hexachlorobenzene	16.69	284	233177	20.88	ng/ul#	88
67) Atrazine	16.83	200	221711	21.13	ng/ul	99
68) Pentachlorophenol	17.04	266	134692	20.27	ng/ul	99
69) Phenanthrene	17.42	178	1056702	21.29	ng/ul	97
71) Anthracene	17.51	178	1093426	21.53	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	266662	21.38	ng/uL	99
73) Pentachlorobenzene	14.97	250	301541	21.24	ng/uL	99
74) Carbazole	17.78	167	980608	22.46	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1101947	21.41	ng/ul	98
76) Fluoranthene	19.42	202	1259095	23.74	ng/ul	99
79) Pyrene	19.79	202	1280433	21.22	ng/ul	99
80) Butylbenzylphthalate	20.66	149	500906	20.99	ng/ul	88
81) 3,3'-Dichlorobenzidine	21.52	252	439304	23.36	ng/ul#	97
82) Benzo(a)anthracene	21.61	228	1261283	21.52	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	717481	21.04	ng/ul#	95
84) Chrysene	21.67	228	1138076	21.01	ng/ul	97
86) Di-n-octyl phthalate	22.69	149	1214099	21.79	ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1297901	21.12	ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1237425	21.09	ng/ul	97
90) Benzo(a)pyrene	24.65	252	1250384	21.04	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	28.42	276	1479308	20.64	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.47	278	1238989	20.71	ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1228771	20.61	ng/ul	97

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

