

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
 Data File : BG028029.D
 Acq On : 27 Jul 2017 16:30
 Operator : SJ/JU
 Sample : SSTD00571
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00571

Quant Time: Jul 27 19:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 27 19:05:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	31939	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	143766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	106184	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	315173	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	429626	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	418727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	795	1.22	ng/uL	0.00
5) Phenol-d5	7.51	99	10727	3.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	6062	3.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	9232	4.30	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	9069	3.93	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	4804	4.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	5986	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	10760	4.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	9183	3.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	48414	5.22	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	50792	4.88	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	5248	4.22	ng/ul	0.01
58) Fluorene-d10	15.96	176	44404	5.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	8348	4.87	ng/ul	0.00
71) Anthracene-d10	17.82	188	74961	4.85	ng/ul	0.00
79) Pyrene-d10	20.09	212	94275	4.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	88311	3.96	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.89	88	1026	1.299	ng/uL#	46
4) Benzaldehyde	7.51	77	7144	3.814	ng/ul#	87
6) Phenol	7.54	94	9663	3.283	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.77	93	8034	3.709	ng/ul#	83
10) 2-Chlorophenol	7.93	128	8603	3.822	ng/ul#	87
11) 2-Methylphenol	8.79	108	8152	3.597	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.88	45	12096	4.311	ng/ul	99
14) Acetophenone	9.19	105	14165	3.719	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.15	70	6424	3.325	ng/ul#	83
16) 4-Methylphenol	9.12	108	8662	3.447	ng/ul	88
17) Hexachloroethane	9.46	117	3942	4.121	ng/ul	85
20) Nitrobenzene	9.57	77	10154	3.443	ng/ul#	86
21) Isophorone	10.09	82	18300	3.173	ng/ul	96
23) 2-Nitrophenol	10.29	139	5580	3.816	ng/ul#	78
24) 2,4-Dimethylphenol	10.33	107	11256	3.664	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	10935	3.386	ng/ul#	91
27) 2,4-Dichlorophenol	10.83	162	10413	3.911	ng/ul	92
28) Naphthalene	11.23	128	31772	3.911	ng/ul	95
30) 4-Chloroaniline	11.34	127	8837	3.312	ng/ul	96
31) Hexachlorobutadiene	11.51	225	9854	4.356	ng/ul	90
32) Caprolactam	12.09	113	1942	2.138	ng/ul	90
33) 4-Chloro-3-methylphenol	12.44	107	10547	3.669	ng/ul	98
34) 2-Methylnaphthalene	12.82	142	26502	4.373	ng/ul	89

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35) 1-Methylnaphthalene	13.03	142	25249	4.415	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	20667	4.760	ng/ul	99
38) Hexachlorocyclopentadiene	13.15	237	8903	9.540	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.41	196	10724	4.527	ng/ul#	92
40) 2,4,5-Trichlorophenol	13.49	196	11903	4.578	ng/ul	95
41) 1,1'-Biphenyl	13.80	154	38792	4.566	ng/ul#	94
42) 2-Chloronaphthalene	13.85	162	31101	4.494	ng/ul	94
43) 2-Nitroaniline	14.06	65	6369	3.200	ng/ul#	87
45) Dimethylphthalate	14.40	163	43764	4.396	ng/ul	99
46) 2,6-Dinitrotoluene	14.53	165	8238	4.225	ng/ul#	89
48) Acenaphthylene	14.70	152	46618	4.245	ng/ul	98
49) 3-Nitroaniline	14.87	138	6216	3.597	ng/ul	89
50) Acenaphthene	15.03	153	33423	4.409	ng/ul	97
51) 2,4-Dinitrophenol	15.07	184	3086	6.098	ng/ul	90
53) 4-Nitrophenol	15.17	109	4367	3.802	ng/ul	94
54) Dibenzofuran	15.37	168	50941	4.465	ng/ul	97
55) 2,4-Dinitrotoluene	15.32	165	11648	3.972	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.59	232	12412	5.360	ng/ul#	82
57) Diethylphthalate	15.76	149	52194	5.165	ng/ul	99
59) Fluorene	16.01	166	44016	4.730	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.00	204	26637	4.929	ng/ul	97
61) 4-Nitroaniline	16.03	138	8522	4.260	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	16.08	198	8239	4.469	ng/ul#	97
65) N-Nitrosodiphenylamine	16.21	169	37525	4.110	ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	19505	4.894	ng/ul	92
67) Hexachlorobenzene	17.02	284	22564	5.108	ng/ul#	90
68) Atrazine	17.15	200	16588	4.096	ng/ul	91
69) Pentachlorophenol	17.37	266	7666	6.355	ng/ul#	86
70) Phenanthrene	17.76	178	77539	4.135	ng/ul	98
72) Anthracene	17.85	178	80801	4.268	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	21071	4.647	ng/uL	90
74) Pentachlorobenzene	15.29	250	31517	6.675	ng/uL	94
75) Carbazole	18.12	167	65473	4.221	ng/ul	98
76) Di-n-butylphthalate	18.65	149	71735	3.780	ng/ul	99
77) Fluoranthene	19.76	202	104161	4.569	ng/ul#	93
80) Pyrene	20.12	202	112456	4.128	ng/ul#	93
81) Butylbenzylphthalate	20.99	149	29856	3.261	ng/ul	89
82) 3,3'-Dichlorobenzidine	21.94	252	31979	3.772	ng/ul#	97
83) Benzo(a)anthracene	22.04	228	112234	4.187	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	45805	3.392	ng/ul	98
85) Chrysene	22.11	228	104369	4.118	ng/ul	99
87) Di-n-octyl phthalate	23.21	149	71416	3.011	ng/ul	100
88) Benzo(b)fluoranthene	24.52	252	108687	4.029	ng/ul	95
89) Benzo(k)fluoranthene	24.52	252	109414	4.108	ng/ul	95
91) Benzo(a)pyrene	25.40	252	106482	4.102	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.58	276	45071	1.472	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.66	278	108344	4.295	ng/ul#	97
94) Benzo(g,h,i)perylene	30.86	276	106891	4.230	ng/ul	97

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

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