

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025321.D
 Acq On : 19 Dec 2016 17:10
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7H8

Quant Time: Dec 20 02:25:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 02:21:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	142	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	4637	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	4157	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	9596	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	11537	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	13937	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	3042	1106.52	ng/uL	0.00
5) Phenol-d5	7.38	99	56271	4593.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	44304	5845.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	44871	5237.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	33345	3257.09	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	23101	703.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	27695	676.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	49487	628.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	60042	776.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	216858	758.40	ng/ul	0.00
46) Acenaphthylene-d8	14.54	160	234233	747.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	13500	274.71	ng/ul	0.02
57) Fluorene-d10	15.83	176	191534	711.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	9361	157.77	ng/ul	0.00
70) Anthracene-d10	17.69	188	321932	794.85	ng/ul	0.00
76) Pyrene-d10	19.96	212	430335	905.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	424516	751.74	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.58	88	333	92.99	ng/uL	Qvalue 89
4) Benzaldehyde	7.36	77	170	18.43	ng/ul#	74
6) Phenol	7.42	94	10471	832.73	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.63	93	726	78.91	ng/ul#	62
10) 2-Chlorophenol	7.78	128	383	44.47	ng/ul#	81
11) 2-Methylphenol	8.66	108	80	8.64	ng/ul#	2
12) 2,2'-oxybis(1-Chloropropan	8.75	45	319	20.39	ng/ul#	1
14) Acetophenone	9.07	105	905	58.09	ng/ul#	49
15) N-Nitroso-di-n-propylamine	9.00	70	1101	122.35	ng/ul#	79
16) 4-Methylphenol	9.01	108	193	18.74	ng/ul#	47
17) Hexachloroethane	9.29	117	113	29.62	ng/ul#	1
20) Nitrobenzene	9.45	77	323	3.20	ng/ul#	46
21) Isophorone	9.96	82	1402	7.34	ng/ul#	21
23) 2-Nitrophenol	10.17	139	161	3.88	ng/ul#	53
25) Bis(2-Chloroethoxy)methane	10.46	93	699	7.18	ng/ul#	1
27) 2,4-Dichlorophenol	10.70	162	278	3.64	ng/ul#	1
28) Naphthalene	11.10	128	3246	15.06	ng/ul#	79
30) 4-Chloroaniline	11.22	127	410	5.18	ng/ul#	1
31) Hexachlorobutadiene	11.35	225	80	1.22	ng/ul#	31
32) Caprolactam	11.92	113	362	11.40	ng/ul	84
33) 4-Chloro-3-methylphenol	12.31	107	431	4.57	ng/ul#	25
34) 2-Methylnaphthalene	12.68	142	2301	13.53	ng/ul#	51
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	245	1.96	ng/ul#	57

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37) Hexachlorocyclopentadiene	12.99	237	113	1.54	ng/ul#	27
38) 2,4,6-Trichlorophenol	13.31	196	366	4.65	ng/ul#	15
39) 2,4,5-Trichlorophenol	13.40	196	493	5.71	ng/ul#	41
40) 1,1'-Biphenyl	13.67	154	661	2.62	ng/ul#	82
41) 2-Chloronaphthalene	13.74	162	939	4.68	ng/ul#	73
42) 2-Nitroaniline	13.97	65	514	6.55	ng/ul#	41
44) Dimethylphthalate	14.29	163	53979	192.09	ng/ul	97
45) 2,6-Dinitrotoluene	14.42	165	76	1.26	ng/ul#	15
47) Acenaphthylene	14.57	152	2002	6.57	ng/ul#	86
48) 3-Nitroaniline	14.78	138	145	2.77	ng/ul#	1
49) Acenaphthene	14.90	153	1781	8.54	ng/ul#	57
50) 2,4-Dinitrophenol	15.04	184	56	1.43	ng/ul#	55
52) 4-Nitrophenol	15.09	109	1471	24.89	ng/ul#	36
53) Dibenzofuran	15.25	168	3055	9.26	ng/ul#	74
54) 2,4-Dinitrotoluene	15.24	165	719	7.90	ng/ul#	19
56) Diethylphthalate	15.63	149	3304	11.10	ng/ul#	91
58) Fluorene	15.89	166	1500	5.58	ng/ul#	85
59) 4-Chlorophenyl-phenylether	15.88	204	643	4.25	ng/ul#	62
60) 4-Nitroaniline	15.95	138	264	4.19	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.98	198	183	2.98	ng/ul#	1
64) N-Nitrosodiphenylamine	16.09	169	820	3.32	ng/ul#	70
65) 4-Bromophenyl-phenylether	16.79	248	966	8.91	ng/ul#	42
66) Hexachlorobenzene	16.89	284	948	7.77	ng/ul#	42
67) Atrazine	17.02	200	118	1.01	ng/ul#	35
68) Pentachlorophenol	17.23	266	89	1.21	ng/ul#	18
69) Phenanthrene	17.63	178	9523	20.79	ng/ul	98
71) Anthracene	17.73	178	3096	6.58	ng/ul#	85
72) Carbazole	18.01	167	2767	7.04	ng/ul#	80
73) Di-n-butylphthalate	18.51	149	3887	7.84	ng/ul#	84
74) Fluoranthene	19.62	202	10083	18.53	ng/ul#	86
77) Pyrene	20.00	202	9471	17.08	ng/ul#	90
78) Butylbenzylphthalate	20.76	149	416	1.92	ng/ul	85
79) 3,3'-Dichlorobenzidine	21.77	252	718	3.57	ng/ul#	71
80) Benzo(a)anthracene	21.87	228	8301	13.85	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.70	149	4720	15.79	ng/ul#	90
82) Chrysene	21.94	228	10067	17.96	ng/ul	94
84) Di-n-octyl phthalate	22.96	149	4075	7.20	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	9650	13.96	ng/ul#	90
86) Benzo(k)fluoranthene	24.26	252	2085	3.17	ng/ul#	69
88) Benzo(a)pyrene	25.14	252	8732	13.14	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	29.24	276	3583	4.34	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.27	278	1464	2.10	ng/ul#	46
91) Benzo(g,h,i)perylene	30.48	276	2334	3.39	ng/ul#	81

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

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