

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021403.D
 Acq On : 10 Mar 2016 11:38
 Operator : UM/SJ
 Sample : H1616-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-01MS

Quant Time: Mar 10 13:06:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 10 10:52:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	14940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	61977	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	34389	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	72360	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	77266	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	103	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	520	1.63	ng/uL	0.00
5) Phenol-d5	7.28	99	24503	14.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	17118	15.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	18991	16.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	18669	13.66	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10085	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	10841	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	17219	17.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	170	0.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	55147	18.53	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	68700	18.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	6234	11.08	ng/ul	0.02
58) Fluorene-d10	15.72	176	48010	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	4391	9.07	ng/ul	0.00
71) Anthracene-d10	17.47	188	72279	20.01	ng/ul	-0.09
79) Pyrene-d10	19.85	212	73001	18.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	79	14.34	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	7.30	94	23940	13.36	ng/ul#	89
10) 2-Chlorophenol	7.69	128	17883	14.43	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.71	45	2183	1.08	ng/ul#	66
14) Acetophenone	8.95	105	11662	5.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.92	70	18564	12.79	ng/ul	96
20) Nitrobenzene	9.23	77	3765	2.34	ng/ul#	49
28) Naphthalene	10.99	128	453388	130.46	ng/ul	98
30) 4-Chloroaniline	10.99	127	62087	43.79	ng/ul#	9
33) 4-Chloro-3-methylphenol	12.19	107	19953	13.43	ng/ul	97
34) 2-Methylnaphthalene	12.57	142	4382	1.70	ng/ul	91
35) 1-Methylnaphthalene	12.79	142	3328	1.36	ng/ul#	93
45) Dimethylphthalate	14.18	163	20433	6.43	ng/ul#	98
50) Acenaphthene	14.80	153	45659	17.68	ng/ul	95
53) 4-Nitrophenol	14.95	109	7668	11.22	ng/ul#	84
54) Dibenzofuran	15.07	168	6980	1.96	ng/ul	97
55) 2,4-Dinitrotoluene	15.09	165	18540	18.54	ng/ul#	94
64) 4,6-Dinitro-2-methylphenol	15.84	198	1568	2.99	ng/ul#	1
65) N-Nitrosodiphenylamine	15.99	169	7165	2.99	ng/ul#	56
69) Pentachlorophenol	17.13	266	4836	9.89	ng/ul	93
70) Phenanthrene	17.52	178	23576	5.48	ng/ul#	89
76) Di-n-butylphthalate	18.42	149	5714	1.11	ng/ul#	83
77) Fluoranthene	19.51	202	21192	4.26	ng/ul#	91
80) Pyrene	19.88	202	115735	22.39	ng/ul	99

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81) Butylbenzylphthalate	20.75	149	4832	2.04	ng/ul#	40
83) Benzo(a)anthracene	21.72	228	8928	1.77	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.62	149	31706	8.97	ng/ul#	1
85) Chrysene	21.79	228	8711	1.87	ng/ul#	1
87) Di-n-octyl phthalate	22.85	149	653	76.75	ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	501	71.10	ng/ul#	1
89) Benzo(k)fluoranthene	24.06	252	233	33.96	ng/ul#	1
91) Benzo(a)pyrene	24.87	252	141	20.38	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.71	276	174	22.89	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.79	278	88	13.63	ng/ul#	1
94) Benzo(g,h,i)perylene	29.88	276	55	8.78	ng/ul#	1

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

