

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020157.D
 Acq On : 14 Dec 2015 17:36
 Operator : UM/SJ
 Sample : G4787-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BP4

Quant Time: Dec 15 11:26:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 03:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	15438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	71882	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	51292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	129321	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	142046	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	134469	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1349	4.82	ng/uL	0.00
5) Phenol-d5	7.24	99	35447	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	22020	27.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	26433	26.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	32491	27.91	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	15135	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	18175	29.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	33598	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	39566	27.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	145394	35.04	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	164813	34.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	24410	32.81	ng/ul	0.00
58) Fluorene-d10	15.72	176	135378	35.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	19300	25.17	ng/ul	0.00
71) Anthracene-d10	17.57	188	232548	39.03	ng/ul	0.00
79) Pyrene-d10	19.85	212	263916	39.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	275714	41.11	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	7.23	77	28654	32.51	ng/ul	93
10) 2-Chlorophenol	7.66	128	2874	2.77	ng/ul	94
23) 2-Nitrophenol	10.02	139	20998	31.41	ng/ul	94
28) Naphthalene	10.96	128	22480	5.99	ng/ul	98
31) Hexachlorobutadiene	11.25	225	13771	14.24	ng/ul	100
33) 4-Chloro-3-methylphenol	12.18	107	12706	8.24	ng/ul	87
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	12133	6.30	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.16	196	17373	14.07	ng/ul	99
41) 1,1'-Biphenyl	13.57	154	86521	22.36	ng/ul	96
45) Dimethylphthalate	14.18	163	155643	36.73	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	13934	15.90	ng/ul	92
53) 4-Nitrophenol	14.92	109	28084	39.24	ng/ul	93
54) Dibenzofuran	15.12	168	50386	9.82	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	13353	16.22	ng/ul#	94
67) Hexachlorobenzene	16.77	284	14004	8.59	ng/ul	94
69) Pentachlorophenol	17.12	266	18759	19.08	ng/ul	94
70) Phenanthrene	17.51	178	186011	26.30	ng/ul	98
72) Anthracene	17.60	178	79082	11.02	ng/ul	98
76) Di-n-butylphthalate	18.42	149	127656	18.22	ng/ul	99
77) Fluoranthene	19.52	202	189504	22.92	ng/ul	99
80) Pyrene	19.88	202	198044	23.04	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	103855	24.31	ng/ul	97
85) Chrysene	21.79	228	151739	19.44	ng/ul	98

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91) Benzo(a)pyrene	24.86	252	126742	16.52	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	176771	19.35	ng/ul	97
93) Dibenzo(a,h)anthracene	28.81	278	90137	11.89	ng/ul	99

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

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