

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021499.D
 Acq On : 25 Mar 2016 00:22
 Operator : UM/SJ
 Sample : H1909-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T51

Quant Time: Mar 25 01:52:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.06
18) Naphthalene-d8	10.88	136	1143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	703	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	1708	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	2347	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	2378	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	472	0.00	ng/uL	0.00
5) Phenol-d5	7.34	99	16911	0.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	10264	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	13134	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	14459	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	7153	834.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7330	747.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	14139	806.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	17698	772.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	50682	865.83	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	62082	860.41	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	3818	408.06	ng/ul	0.02
58) Fluorene-d10	15.66	176	46168	874.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	5750	509.58	ng/ul	0.00
71) Anthracene-d10	17.51	188	69920	835.37	ng/ul	0.00
79) Pyrene-d10	19.79	212	78854	720.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	82094	747.99	ng/ul	0.00

Target Compounds

						Ovalue
21) Isophorone	9.95	82	853	18.27	ng/ul#	69
28) Naphthalene	10.92	128	7689	126.88	ng/ul	98
30) 4-Chloroaniline	10.92	127	930	38.68	ng/ul#	34
34) 2-Methylnaphthalene	12.51	142	4152	92.32	ng/ul	94
35) 1-Methylnaphthalene	12.73	142	3609	82.70	ng/ul#	89
41) 1,1'-Biphenyl	13.51	154	1462	25.42	ng/ul	90
45) Dimethylphthalate	14.12	163	23833	391.84	ng/ul	98
48) Acenaphthylene	14.41	152	648	9.06	ng/ul#	56
50) Acenaphthene	14.74	153	14103	286.02	ng/ul	96
54) Dibenzofuran	15.08	168	12115	175.39	ng/ul	94
55) 2,4-Dinitrotoluene	14.98	165	343	18.85	ng/ul#	24
57) Diethylphthalate	15.48	149	468	7.20	ng/ul#	59
59) Fluorene	15.72	166	15700	259.96	ng/ul	95
61) 4-Nitroaniline	15.72	138	125	10.39	ng/ul#	1
65) N-Nitrosodiphenylamine	15.92	169	386	7.30	ng/ul#	1
70) Phenanthrene	17.46	178	224945	2325.61	ng/ul	96
72) Anthracene	17.55	178	46757	475.08	ng/ul	97
75) Carbazole	17.83	167	15118	177.55	ng/ul	96
76) Di-n-butylphthalate	18.36	149	8561	77.93	ng/ul	96
77) Fluoranthene	19.46	202	249203	2134.88	ng/ul#	94
80) Pyrene	19.82	202	226769	1621.61	ng/ul#	94
81) Butylbenzylphthalate	20.68	149	120	2.03	ng/ul#	18
82) 3,3'-Dichlorobenzidine	21.42	252	383	7.87	ng/ul#	25

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Benzo(a)anthracene	21.65	228	111268	785.36	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	864	10.00	ng/ul#	64
85) Chrysene	21.72	228	105391	785.46	ng/ul	98
87) Di-n-octyl phthalate	22.74	149	197	1.22	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	114670	750.71	ng/ul	98
89) Benzo(k)fluoranthene	23.86	252	114670	764.24	ng/ul	98
91) Benzo(a)pyrene	24.73	252	90387	609.55	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.53	276	51884	307.87	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.56	278	8763	61.12	ng/ul	98
94) Benzo(a,h,i)perylene	29.68	276	47916	345.76	ng/ul	98

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

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