

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021495.D
 Acq On : 24 Mar 2016 21:43
 Operator : UM/SJ
 Sample : H1909-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T47

Quant Time: Mar 25 01:50:56 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	10.87	136	755	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	615	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	1416	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	1610	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	1797	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	788	0.00	ng/uL	0.00
5) Phenol-d5	7.34	99	17620	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	12163	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	14575	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	15668	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	8431	1488.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	8933	1379.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	15929	1376.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	25526	1687.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	60535	1182.13	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	73173	1159.24	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	5333	651.55	ng/ul	0.02
58) Fluorene-d10	15.67	176	52756	1142.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	8298	887.04	ng/ul	0.00
71) Anthracene-d10	17.51	188	83373	1201.51	ng/ul	0.00
79) Pyrene-d10	19.79	212	91124	1213.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	93004	1121.37	ng/ul	0.00

Target Compounds

						Ovalue
21) Isophorone	9.96	82	996	32.29	ng/ul#	69
28) Naphthalene	10.92	128	2196	54.86	ng/ul#	91
30) 4-Chloroaniline	10.92	127	132	8.31	ng/ul#	44
34) 2-Methylnaphthalene	12.52	142	1730	58.23	ng/ul	99
35) 1-Methylnaphthalene	12.73	142	1470	51.00	ng/ul#	93
41) 1,1'-Biphenyl	13.52	154	154	3.06	ng/ul#	40
45) Dimethylphthalate	14.13	163	16287	306.09	ng/ul	97
48) Acenaphthylene	14.40	152	399	6.38	ng/ul#	59
50) Acenaphthene	14.74	153	1154	26.75	ng/ul	89
54) Dibenzofuran	15.08	168	566	9.37	ng/ul	97
57) Diethylphthalate	15.48	149	5905	103.85	ng/ul#	94
59) Fluorene	15.72	166	1963	37.15	ng/ul	95
65) N-Nitrosodiphenylamine	15.79	169	110	2.51	ng/ul#	11
70) Phenanthrene	17.46	178	47320	590.11	ng/ul	99
72) Anthracene	17.46	178	47320	579.95	ng/ul	97
76) Di-n-butylphthalate	18.36	149	624	6.85	ng/ul#	77
77) Fluoranthene	19.46	202	28346	292.91	ng/ul#	97
80) Pyrene	19.82	202	47332	493.41	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.72	252	266	7.97	ng/ul#	54
83) Benzo(a)anthracene	21.65	228	7766	79.91	ng/ul#	93
84) Bis(2-ethylhexyl)phthalate	21.53	149	586	9.89	ng/ul#	82
85) Chrysene	21.71	228	14661	159.28	ng/ul	94
88) Benzo(b)fluoranthene	23.86	252	13601	117.83	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	23.91	252	327	2.88	ng/ul	96
91) Benzo(a)pyrene	24.58	252	7852	70.07	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.53	276	327	2.57	ng/ul#	91
93) Dibenzo(a,h)anthracene	28.57	278	527	4.86	ng/ul#	55
94) Benzo(g,h,i)perylene	29.67	276	4875	46.55	ng/ul#	84

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

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