

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018206.D
 Acq On : 1 Aug 2015 6:23
 Operator : TP/UM
 Sample : G3065-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02G6

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:23:22 PM

Quant Time: Aug 01 07:33:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	66830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	307999	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	170579	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	296469	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	352741	20.00	ng/ul	0.02
86) Perylene-d12	23.32	264	376764	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	1161	1.31	ng/uL	0.00
5) Phenol-d5	6.68	99	60491	10.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	30467	9.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	50966	11.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	50166	10.25	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	27011	11.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	28989	10.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	56572	11.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	14299	2.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	150262	11.40	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	186056	12.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	20448	8.38	ng/ul	0.01
58) Fluorene-d10	15.16	176	123789	10.38	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	1514	0.73	ng/ul	0.01
71) Anthracene-d10	17.01	188	162290m	12.59	ng/ul	0.00
79) Pyrene-d10	19.33	212	166931	9.78	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.18	264	223453	11.73	ng/ul	0.04

Target Compounds

						Qvalue
14) Acetophenone	8.31	105	8276	1.09	ng/ul	99
28) Naphthalene	10.32	128	579708	39.09	ng/ul	99
34) 2-Methylnaphthalene	11.95	142	435111	37.07	ng/ul	96
35) 1-Methylnaphthalene	12.17	142	428387	38.04	ng/ul#	100
41) 1,1'-Biphenyl	12.98	154	97165	7.97	ng/ul	95
45) Dimethylphthalate	13.62	163	98734	7.53	ng/ul#	96
48) Acenaphthylene	13.88	152	295054	19.44	ng/ul#	93
50) Acenaphthene	14.22	153	61772	6.25	ng/ul	97
54) Dibenzofuran	14.56	168	59689m	4.01	ng/ul	
57) Diethylphthalate	15.00	149	14794	1.09	ng/ul#	91
59) Fluorene	15.22	166	245618	19.11	ng/ul	98
70) Phenanthrene	16.97	178	1479762	98.25	ng/ul	93
72) Anthracene	17.05	178	159904	10.67	ng/ul	98
75) Carbazole	17.33	167	26649	2.14	ng/ul#	90
76) Di-n-butylphthalate	17.90	149	49926	3.01	ng/ul#	93
77) Fluoranthene	19.00	202	954419	57.70	ng/ul	96
80) Pyrene	19.36	202	1073250	50.16	ng/ul	96
81) Butylbenzylphthalate	20.28	149	54597	6.28	ng/ul#	76
83) Benzo(a)anthracene	21.12	228	625535	32.93	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.06	149	168813	14.40	ng/ul	98
85) Chrysene	21.17	228	738547	42.44	ng/ul#	92
88) Benzo(b)fluoranthene	22.67	252	717667	31.71	ng/ul	97
89) Benzo(k)fluoranthene	22.71	252	241828m	11.63	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	23.23	252	537228	26.53	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.54	276	305574	13.04	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.54	278	81991	4.09	ng/ul#	85
94) Benzo(g,h,i)perylene	26.22	276	295607	15.45	ng/ul#	91

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

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