

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018263.D
 Acq On : 4 Aug 2015 21:15
 Operator : UM/TP
 Sample : G3109-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F5

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:31 PM

Quant Time: Aug 14 03:04:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	44700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	190644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	110952	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	174216m	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	149307m	20.00	ng/ul	0.01
86) Perylene-d12	23.29	264	148326	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	664	1.12	ng/uL	0.00
5) Phenol-d5	6.66	99	52549	13.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	27197	13.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	45819	15.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	36126	11.04	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	23053	15.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	28458	16.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	49578	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	12436	3.28	ng/ul	0.01
44) Dimethylphthalate-d6	13.55	166	148319	17.30	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	167888	16.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	17419	10.98	ng/ul	0.01
58) Fluorene-d10	15.14	176	117054	15.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	9387m	7.72	ng/ul	0.00
71) Anthracene-d10	17.00	188	126493	16.70	ng/ul	0.00
79) Pyrene-d10	19.31	212	97901m	13.55	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.16	264	116990	15.60	ng/ul	0.03

Target Compounds

						Qvalue
28) Naphthalene	10.29	128	19661	2.14	ng/ul	96
34) 2-Methylnaphthalene	11.92	142	12356	1.70	ng/ul	99
45) Dimethylphthalate	13.60	163	78485	9.20	ng/ul	99
50) Acenaphthene	14.20	153	33965	5.28	ng/ul	96
54) Dibenzofuran	14.54	168	27282	2.82	ng/ul#	68
59) Fluorene	15.19	166	38558	4.61	ng/ul	99
70) Phenanthrene	16.94	178	609524m	68.87	ng/ul	
72) Anthracene	17.03	178	101806	11.56	ng/ul	99
75) Carbazole	17.31	167	55135	7.54	ng/ul	98
76) Di-n-butylphthalate	17.88	149	61913m	6.36	ng/ul	
77) Fluoranthene	18.98	202	797473m	82.04	ng/ul	
80) Pyrene	19.35	202	631670m	69.75	ng/ul	
81) Butylbenzylphthalate	20.25	149	19584m	5.32	ng/ul	
83) Benzo(a)anthracene	21.10	228	350393m	43.58	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.04	149	136783	27.56	ng/ul	97
85) Chrysene	21.15	228	366483	49.76	ng/ul	97
88) Benzo(b)fluoranthene	22.65	252	507620	56.97	ng/ul#	96
89) Benzo(k)fluoranthene	22.68	252	180390m	22.03	ng/ul	
91) Benzo(a)pyrene	23.21	252	345716m	43.37	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.51	276	192495	20.87	ng/ul#	84
93) Dibenzo(a,h)anthracene	25.50	278	58906	7.46	ng/ul	92
94) Benzo(g,h,i)perylene	26.20	276	149222	19.81	ng/ul#	93

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

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