

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018211.D
 Acq On : 1 Aug 2015 9:18
 Operator : TP/UM
 Sample : G3065-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02A2

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:23:47 PM

Quant Time: Aug 04 17:02:11 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	7.49	152	53135	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	203759	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	102003	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	210310	20.00	ng/ul	0.02
78) Chrysene-d12	21.14	240	310376	20.00	ng/ul	0.03
86) Perylene-d12	23.36	264	314503	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	767	1.09	ng/uL	0.00
5) Phenol-d5	6.68	99	42072	8.81	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	23433	9.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	34790	9.64	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	33157	8.52	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	19376	12.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	16094	8.74	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	36412	11.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.39	131	36284	8.94	ng/ul	-0.02
44) Dimethylphthalate-d6	13.58	166	90133	11.44	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	102027	11.16	ng/ul	0.01
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.16	176	76662	10.75	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.02	188	106444	11.64	ng/ul	0.02
79) Pyrene-d10	19.34	212	128878	8.58	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.22	264	189460	11.91	ng/ul	0.07

Target Compounds

						Qvalue
11) 2-Methylphenol	7.95	108	10769	2.81	ng/ul	100
14) Acetophenone	8.29	105	53839	8.89	ng/ul	95
16) 4-Methylphenol	8.28	108	70172	16.56	ng/ul	86
24) 2,4-Dimethylphenol	9.47	107	145750	36.01	ng/ul#	80
28) Naphthalene	10.32	128	183547	18.71	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	125907	16.21	ng/ul	99
35) 1-Methylnaphthalene	12.17	142	79993	10.74	ng/ul#	95
41) 1,1'-Biphenyl	12.98	154	25057	3.44	ng/ul#	95
45) Dimethylphthalate	13.63	163	172275	21.97	ng/ul	99
50) Acenaphthene	14.23	153	83106	14.06	ng/ul	97
54) Dibenzofuran	14.57	168	73635	8.27	ng/ul#	70
57) Diethylphthalate	15.00	149	19083	2.35	ng/ul#	84
59) Fluorene	15.22	166	108763	14.15	ng/ul#	95
70) Phenanthrene	16.97	178	800903	74.96	ng/ul	98
72) Anthracene	17.06	178	215272m	20.25	ng/ul	
75) Carbazole	17.34	167	76906	8.71	ng/ul#	88
76) Di-n-butylphthalate	17.91	149	56025	4.77	ng/ul#	84
77) Fluoranthene	19.01	202	1110719	94.66	ng/ul#	95
80) Pyrene	19.37	202	1112400	59.09	ng/ul	95
81) Butylbenzylphthalate	20.29	149	109773	14.36	ng/ul#	73
83) Benzo(a)anthracene	21.13	228	594472	35.57	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.07	149	2222854	215.45	ng/ul#	68
85) Chrysene	21.18	228	662798m	43.29	ng/ul	

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88) Benzo(b)fluoranthene	22.69	252	958924	50.75	ng/ul#	88
89) Benzo(k)fluoranthene	22.73	252	306115m	17.63	ng/ul	
91) Benzo(a)pyrene	23.26	252	596885	35.31	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.58	276	286920	14.67	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.58	278	72478	4.33	ng/ul#	70
94) Benzo(g,h,i)perylene	26.28	276	272885m	17.09	ng/ul	

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

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