

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
 Data File : BM002194.D
 Acq On : 03 Aug 2015 13:03
 Operator : TP/UM
 Sample : G3073-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02G3

Manual Integrations
 APPROVED

MMDadoda
 8/6/2015 4:14:10 PM

Quant Time: Aug 12 11:10:00 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:31:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	66615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	286291	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	186107	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	450983	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	563114	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	468787	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	3862	3.00	ng/uL	0.00
5) Phenol-d5	6.72	99	107409	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	52527	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	87974	21.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	87004	22.98	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	42329	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	49025	21.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	95953	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	44902	9.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	290384	21.30	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	304946	17.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	36899	16.22	ng/ul	0.00
58) Fluorene-d10	15.20	176	211948	17.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	39875	14.46	ng/ul	0.00
71) Anthracene-d10	17.06	188	326933	16.24	ng/ul	0.00
79) Pyrene-d10	19.36	212	358187	15.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	273846	12.05	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.36	128	19237	1.41 ng/ul#	96
34) 2-Methylnaphthalene	11.99	142	10961	1.11 ng/ul	94
45) Dimethylphthalate	13.66	163	101597	7.46 ng/ul	99
48) Acenaphthylene	13.92	152	17677	1.01 ng/ul	97
50) Acenaphthene	14.26	153	16040	1.39 ng/ul	96
54) Dibenzofuran	14.60	168	19297	1.17 ng/ul	99
59) Fluorene	15.26	166	23579	1.73 ng/ul	94
70) Phenanthrene	17.00	178	466648	19.98 ng/ul	100
72) Anthracene	17.09	178	74072	3.10 ng/ul	98
75) Carbazole	17.37	167	40158	1.97 ng/ul	96
76) Di-n-butylphthalate	17.92	149	25848	1.06 ng/ul	97
77) Fluoranthene	19.03	202	762712	28.28 ng/ul	99
80) Pyrene	19.39	202	722290	23.57 ng/ul	99
83) Benzo(a)anthracene	21.15	228	325817	10.44 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	92189	5.15 ng/ul	99
85) Chrysene	21.20	228	356873	12.22 ng/ul	97
88) Benzo(b)fluoranthene	22.70	252	397729	15.10 ng/ul#	94
89) Benzo(k)fluoranthene	22.74	252	126962m	5.00 ng/ul	
91) Benzo(a)pyrene	23.26	252	254585	10.01 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.54	276	164787	5.62 ng/ul#	94
93) Dibenzo(a,h)anthracene	25.54	278	43928	1.75 ng/ul#	87
94) Benzo(a,h,i)perylene	26.21	276	153606	6.25 ng/ul	96

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

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