

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002189.D
 Acq On : 03 Aug 2015 03:20
 Operator : TP
 Sample : G3095-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 4:45:19 PM

Quant Time: Aug 03 04:50:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	115600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	481536	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	284027	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	612408	20.00	ng/ul	0.01
78) Chrysene-d12	21.20	240	545219	20.00	ng/ul	0.02
86) Perylene-d12	23.40	264	494227	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	2674	1.20	ng/uL	0.00
5) Phenol-d5	6.75	99	83489	10.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	43491	9.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	70868	10.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	69612	10.60	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	33860	9.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	36702	9.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	78069	10.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	52564	6.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	222948	10.72	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	282669	10.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	27428	7.90	ng/ul	0.02
58) Fluorene-d10	15.23	176	201645	11.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	1458	0.39	ng/ul	0.02
71) Anthracene-d10	17.09	188	298841	10.93	ng/ul	0.01
79) Pyrene-d10	19.40	212	292180	12.73	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.26	264	254074	10.60	ng/ul	0.03

Target Compounds

						Qvalue
28) Naphthalene	10.40	128	96854	4.23	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	34450	2.07	ng/ul	100
35) 1-Methylnaphthalene	12.24	142	32936	2.06	ng/ul	98
45) Dimethylphthalate	13.69	163	67054	3.23	ng/ul	99
48) Acenaphthylene	13.95	152	335096	12.48	ng/ul	100
50) Acenaphthene	14.29	153	170472	9.69	ng/ul	99
54) Dibenzofuran	14.63	168	112611	4.46	ng/ul	96
59) Fluorene	15.29	166	206449	9.90	ng/ul	99
70) Phenanthrene	17.04	178	3886364	122.52	ng/ul	99
72) Anthracene	17.12	178	962738	29.69	ng/ul	99
75) Carbazole	17.40	167	246725	8.91	ng/ul	98
77) Fluoranthene	19.07	202	6584949	179.79	ng/ul#	95
80) Pyrene	19.44	202	6602878	222.56	ng/ul#	95
83) Benzo(a)anthracene	21.19	228	3212922	106.30	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.11	149	3230071	186.19	ng/ul	99
85) Chrysene	21.24	228	2999038	106.06	ng/ul	96
88) Benzo(b)fluoranthene	22.76	252	3490763	125.70	ng/ul	97
89) Benzo(k)fluoranthene	22.79	252	1020583m	38.09	ng/ul	
91) Benzo(a)pyrene	23.32	252	2564640	95.67	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	1631420	52.81	ng/ul	96
93) Dibenzo(a,h)anthracene	25.63	278	456045	17.25	ng/ul#	94
94) Benzo(g,h,i)perylene	26.33	276	1489764	57.53	ng/ul	97

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

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