

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014375.D
 Acq On : 27 Feb 2018 02:23
 Operator : SJ/JU
 Sample : J1646-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5Y1

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:05:15 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	170768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	755724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	415914	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	788875	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	562865	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	520986	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	11960	3.00	ng/uL	0.00
5) Phenol-d5	6.73	99	294018	20.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	185771	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	251598	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	263241	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	131230	23.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	143085	24.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	260092	21.72	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	216585	18.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	872528	25.40	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1105853	26.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	58400m	12.31	ng/ul	0.02
57) Fluorene-d10	15.19	176	735340	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	11338	2.40	ng/ul	0.02
70) Anthracene-d10	17.04	188	1001995	26.33	ng/ul	0.00
76) Pyrene-d10	19.36	212	865856	29.83	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	649321	25.61	ng/ul	0.03

Target Compounds

					Qvalue	
4) Benzaldehyde	6.69	77	26074	4.431	ng/ul#	81
6) Phenol	6.75	94	52632	3.475	ng/ul	94
16) 4-Methylphenol	8.31	108	73890	5.853	ng/ul	86
28) Naphthalene	10.35	128	203003	5.230	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	104177	3.526	ng/ul	100
44) Dimethylphthalate	13.65	163	201366	5.945	ng/ul	98
56) Diethylphthalate	15.03	149	110385	2.925	ng/ul	96
58) Fluorene	15.24	166	47182	1.293	ng/ul	98
69) Phenanthrene	16.99	178	690853	15.200	ng/ul	99
71) Anthracene	17.08	178	168273	3.681	ng/ul	97
72) Carbazole	17.36	167	58524	1.523	ng/ul#	88
74) Fluoranthene	19.02	202	1199835	22.095	ng/ul#	93
77) Pyrene	19.39	202	1082852	28.948	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	595598	16.955	ng/ul	97
82) Chrysene	21.20	228	631455m	19.269	ng/ul	
85) Benzo(b)fluoranthene	22.70	252	918299	26.324	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	217469m	6.557	ng/ul	
88) Benzo(a)pyrene	23.25	252	605737	19.432	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.51	276	424291	14.027	ng/ul	98
90) Dibenzo(a,h)anthracene	25.50	278	112172	4.463	ng/ul#	71
91) Benzo(g,h,i)perylene	26.18	276	386344	15.766	ng/ul#	93

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

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