

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005607.D
 Acq On : 23 May 2016 03:31
 Operator : UM/SJ
 Sample : H3086-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGF3

Manual Integrations
 APPROVED

umangi
 5/23/2016 8:36:14 PM

Quant Time: May 23 08:17:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	116160	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	509623	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	279027	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.21	188	556709	20.00	ng/ul	0.02
75) Chrysene-d12	21.39	240	516137	20.00	ng/ul	0.02
83) Perylene-d12	23.69	264	482777	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	8361	3.15	ng/uL	0.00
5) Phenol-d5	7.00	99	234088	24.59	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	135296	24.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	193256	24.33	ng/ul	0.02
13) 4-Methylphenol-d8	8.54	113	187873	24.08	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	98658	25.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	105143	24.51	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	201326	24.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	81318	10.05	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	587911	25.81	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	757208	26.59	ng/ul	0.02
51) 4-Nitrophenol-d4	14.68	143	90114	20.92	ng/ul	0.03
57) Fluorene-d10	15.46	176	497673	25.11	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.59	200	10599	3.31	ng/ul	0.03
70) Anthracene-d10	17.31	188	726628	27.40	ng/ul	0.02
76) Pyrene-d10	19.60	212	758414	32.45	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.54	264	593032	26.31	ng/ul	0.05

Target Compounds

						Qvalue
28) Naphthalene	10.66	128	77413	3.02	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	68255	3.64	ng/ul	97
44) Dimethylphthalate	13.92	163	97232	4.32	ng/ul#	96
47) Acenaphthylene	14.19	152	230824	7.98	ng/ul	96
49) Acenaphthene	14.52	153	23900	1.25	ng/ul	92
53) Dibenzofuran	14.86	168	39602	1.45	ng/ul#	81
58) Fluorene	15.51	166	69062	3.17	ng/ul#	86
69) Phenanthrene	17.26	178	1020823	32.81	ng/ul	98
71) Anthracene	17.34	178	298624m	9.42	ng/ul	
72) Carbazole	17.62	167	55707	2.02	ng/ul#	58
74) Fluoranthene	19.27	202	1167857	33.35	ng/ul	97
77) Pyrene	19.63	202	1360879	45.87	ng/ul	95
80) Benzo(a)anthracene	21.37	228	410121	13.52	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.29	149	27590	1.56	ng/ul#	85
82) Chrysene	21.42	228	517024	17.91	ng/ul#	93
85) Benzo(b)fluoranthene	23.00	252	571749	20.08	ng/ul#	85
86) Benzo(k)fluoranthene	23.03	252	163659m	6.07	ng/ul	
88) Benzo(a)pyrene	23.59	252	474683	17.19	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.04	276	410272	12.50	ng/ul	96
90) Dibenzo(a,h)anthracene	26.04	278	80279	2.94	ng/ul#	61
91) Benzo(g,h,i)perylene	26.76	276	446277	16.18	ng/ul	97

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

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