

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007203.D
 Acq On : 18 Aug 2016 13:28
 Operator : UM/SJ
 Sample : H4436-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA233

Quant Time: Aug 19 13:21:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:26:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	154095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	618482	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	357320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	871103	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1124130	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1170922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	10722	3.04	ng/uL	0.00
5) Phenol-d5	6.97	99	300520	24.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	171779	24.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	235454	23.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	247926	24.14	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	111691	24.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	117981	24.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	264931	26.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	150597	12.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	684336	23.18	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1086362	30.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	100314	18.96	ng/ul	0.00
57) Fluorene-d10	15.43	176	823668	31.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	50643	10.52	ng/ul	0.00
70) Anthracene-d10	17.27	188	1368983	33.92	ng/ul	0.00
76) Pyrene-d10	19.57	212	1666637	35.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1837578	34.31	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.99	94	17041	1.30	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.23	93	340235	35.07	ng/ul	98
10) 2-Chlorophenol	7.37	128	30346	2.98	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	280699	25.25	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	119792	14.55	ng/ul	93
17) Hexachloroethane	8.88	117	46821	11.03	ng/ul	95
21) Isophorone	9.52	82	218370	10.08	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.00	93	472457	36.34	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	124311	12.41	ng/ul	95
28) Naphthalene	10.64	128	192016	6.27	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	176910	14.00	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	95085	11.82	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	213690	25.18	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	535797	23.82	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	156121	27.23	ng/ul	95
47) Acenaphthylene	14.16	152	174298	4.77	ng/ul	97
53) Dibenzofuran	14.83	168	388652	11.05	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	89606	10.59	ng/ul	99
58) Fluorene	15.48	166	788276	27.79	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	211575	14.13	ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	181210	18.37	ng/ul	98
66) Hexachlorobenzene	16.48	284	165253	14.80	ng/ul	97
68) Pentachlorophenol	16.83	266	197294	28.73	ng/ul	97

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71) Anthracene	17.31	178	560510	11.66	ng/ul	99
72) Carbazole	17.58	167	592892	14.31	ng/ul	99
78) Butylbenzylphthalate	20.50	149	594388	24.60	ng/ul	97
80) Benzo(a)anthracene	21.34	228	1474814	22.21	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1466569	24.28	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	1801835	25.54	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	808183	12.20	ng/ul	99

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

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