

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
 Data File : BM008304.D
 Acq On : 14 Dec 2016 10:48
 Operator : UM/SJ
 Sample : H5976-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 14 11:52:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 05:32:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	108208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	437117	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	283611	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	550660	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	689364	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	697931	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	14835	6.45	ng/uL	0.00
5) Phenol-d5	6.86	99	278204	33.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	169017	35.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	217933	34.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	237079	36.46	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	112069	35.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	128659	36.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	232040	36.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	312147	42.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	757229	40.16	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	884744	39.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	116987	42.12	ng/ul	0.00
57) Fluorene-d10	15.31	176	618797	37.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	136643	41.69	ng/ul	0.00
70) Anthracene-d10	17.16	188	976364	40.70	ng/ul	0.00
76) Pyrene-d10	19.47	212	1136381	42.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1205297	41.13	ng/ul	0.00

Target Compounds

						Qvalue
8) Bis(2-Chloroethyl)ether	7.11	93	143255	22.02	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	139952	18.92	ng/ul	99
16) 4-Methylphenol	8.44	108	371642	53.72	ng/ul	88
17) Hexachloroethane	8.73	117	194518	66.87	ng/ul	91
20) Nitrobenzene	8.88	77	181603	22.30	ng/ul	98
23) 2-Nitrophenol	9.57	139	166823	46.60	ng/ul	94
24) 2,4-Dimethylphenol	9.64	107	253474	31.70	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	187196	22.51	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	199063	30.79	ng/ul	97
30) 4-Chloroaniline	10.62	127	561132	75.72	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	443804	29.68	ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	242358	67.57	ng/ul	95
38) 2,4,6-Trichlorophenol	12.75	196	118388	23.48	ng/ul	99
39) 2,4,5-Trichlorophenol	12.75	196	118388	21.53	ng/ul	97
41) 2-Chloronaphthalene	13.18	162	266834	18.40	ng/ul	97
42) 2-Nitroaniline	13.41	65	365616	85.21	ng/ul	95
44) Dimethylphthalate	13.77	163	733678	39.71	ng/ul	98
45) 2,6-Dinitrotoluene	13.91	165	67139	18.65	ng/ul	90
48) 3-Nitroaniline	14.25	138	287448	80.14	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	185561	88.88	ng/ul	95
52) 4-Nitrophenol	14.56	109	224973	84.44	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	186453	18.80	ng/ul	96
60) 4-Nitroaniline	15.42	138	171756	49.76	ng/ul	98

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63) 4,6-Dinitro-2-methylphenol	15.48	198	252558	75.19	ng/ul#	94
65) 4-Bromophenyl-phenylether	16.26	248	492663	81.49	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	363068	30.05	ng/ul	98

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

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