

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
 Data File : BM008304.D
 Acq On : 14 Dec 2016 11:42
 Operator : UM/SJ
 Sample : H5976-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 14 12:52:03 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	7.67	152	141016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	551622	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	363099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	714176	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	914932	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	924162	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	15151	5.06	ng/uL	0.00
5) Phenol-d5	6.86	99	278847	25.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	169696	26.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	215553	26.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	229554	27.09	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	111430	27.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	125844	28.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	230049	28.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	310619	33.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	754671	31.27	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	870355	30.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	117421	33.02	ng/ul	0.00
57) Fluorene-d10	15.31	176	616619	29.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	134980	31.75	ng/ul	0.00
70) Anthracene-d10	17.17	188	972524	31.26	ng/ul	0.00
76) Pyrene-d10	19.47	212	1159153	32.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1232864	31.77	ng/ul	0.00

Target Compounds

						Qvalue
8) Bis(2-Chloroethyl)ether	7.11	93	142765	16.84	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	137098	14.22	ng/ul	100
16) 4-Methylphenol	8.44	108	365399	40.53	ng/ul	88
17) Hexachloroethane	8.73	117	191861	50.61	ng/ul	93
20) Nitrobenzene	8.87	77	175438	17.07	ng/ul	99
23) 2-Nitrophenol	9.58	139	164071	36.32	ng/ul	94
24) 2,4-Dimethylphenol	9.64	107	250522	24.82	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	183117	17.45	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	193441	23.71	ng/ul	98
30) 4-Chloroaniline	10.62	127	551537	58.97	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	438424	23.24	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	244102	53.16	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	117577	18.22	ng/ul	97
39) 2,4,5-Trichlorophenol	12.74	196	117577	16.70	ng/ul	98
41) 2-Chloronaphthalene	13.18	162	262205	14.12	ng/ul	96
42) 2-Nitroaniline	13.41	65	366432	66.70	ng/ul	95
44) Dimethylphthalate	13.78	163	726504	30.71	ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	69782	15.14	ng/ul	95
48) 3-Nitroaniline	14.24	138	286382	62.37	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	179389	67.11	ng/ul	93
52) 4-Nitrophenol	14.56	109	230433	67.56	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.36	204	188238	14.83	ng/ul	98
60) 4-Nitroaniline	15.42	138	177890	40.26	ng/ul	95

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63) 4,6-Dinitro-2-methylphenol	15.48	198	257620	59.13	ng/ul#	93
65) 4-Bromophenyl-phenylether	16.26	248	485144	61.88	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	368477	22.98	ng/ul	97

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

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