

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
 Data File : BM004259.D
 Acq On : 15 Feb 2016 14:08
 Operator : SJ/UM
 Sample : H1416-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

Quant Time: Feb 16 09:46:06 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 00:58:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	29300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	135734	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	82942	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	189867	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	181593	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	151339	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	3929	6.76	ng/uL	0.00
5) Phenol-d5	6.83	99	90926	38.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	47966	37.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	81861	39.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	81260	40.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	41420	39.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	47509	40.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	84141	39.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	9022	3.60	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	279406	40.48	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	335117	39.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	50512	45.24	ng/ul	0.00
58) Fluorene-d10	15.30	176	235950	40.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	41423	35.83	ng/ul	0.00
71) Anthracene-d10	17.16	188	365715	39.40	ng/ul	0.00
79) Pyrene-d10	19.47	212	397913	41.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	319385	39.55	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.79	77	3661	2.70	ng/ul 100
10) 2-Chlorophenol	7.21	128	92527	42.65	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	110133	59.03	ng/ul 98
14) Acetophenone	8.47	105	141660	44.34	ng/ul 97
17) Hexachloroethane	8.71	117	17282	20.00	ng/ul 95
20) Nitrobenzene	8.85	77	146474	61.66	ng/ul 96
23) 2-Nitrophenol	9.56	139	70555	53.82	ng/ul 95
27) 2,4-Dichlorophenol	10.09	162	59778	27.32	ng/ul 99
28) Naphthalene	10.48	128	128982	17.09	ng/ul 99
33) 4-Chloro-3-methylphenol	11.75	107	132480	54.59	ng/ul 99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	60072	20.69	ng/ul 99
39) 2,4,6-Trichlorophenol	12.73	196	64983	35.40	ng/ul 99
41) 1,1'-Biphenyl	13.13	154	304459	41.06	ng/ul 99
43) 2-Nitroaniline	13.39	65	52552	38.22	ng/ul 96
46) 2,6-Dinitrotoluene	13.90	165	69028	48.53	ng/ul 96
48) Acenaphthylene	14.03	152	493512	53.89	ng/ul 99
50) Acenaphthene	14.37	153	29907	4.82	ng/ul 98
53) 4-Nitrophenol	14.56	109	67476	75.56	ng/ul 96
54) Dibenzofuran	14.71	168	187401	21.86	ng/ul 99
55) 2,4-Dinitrotoluene	14.69	165	119602	58.50	ng/ul 97
57) Diethylphthalate	15.14	149	381390	52.65	ng/ul 100
59) Fluorene	15.36	166	64570	9.35	ng/ul 98
65) N-Nitrosodiphenylamine	15.57	169	322821	50.39	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Hexachlorobenzene	16.37	284	103210	41.75	ng/ul	92
69) Pentachlorophenol	16.72	266	58963	51.51	ng/ul	98
70) Phenanthrene	17.10	178	385302	33.55	ng/ul	99
76) Di-n-butylphthalate	18.03	149	576133	45.40	ng/ul	100
80) Pyrene	19.50	202	233456	17.78	ng/ul	99
83) Benzo(a)anthracene	21.26	228	496618	42.48	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	411632	35.66	ng/ul#	97
88) Benzo(b)fluoranthene	22.84	252	345831	34.54	ng/ul	99
91) Benzo(a)pyrene	23.41	252	198977	20.90	ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	438439	48.43	ng/ul	99
94) Benzo(a,h,i)perylene	26.44	276	230395	25.30	ng/ul	99

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

