

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052016\
 Data File : BM005526.D
 Acq On : 20 May 2016 18:31
 Operator : UM/SJ
 Sample : SSTD01051
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01051

Quant Time: May 20 20:47:11 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 20:29:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	77383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	329072	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	193129	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	450042	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	543148	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	569836	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	7342	3.73	ng/uL	0.00
5) Phenol-d5	6.99	99	65230	8.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	38642	9.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	54168	9.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	52489	8.47	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	25330	10.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	28153	10.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	54006	10.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	49254	8.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	166511	10.43	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	206039	10.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	30527	9.46	ng/ul	0.00
57) Fluorene-d10	15.44	176	146592	10.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	23975	9.88	ng/ul	0.00
70) Anthracene-d10	17.29	188	224928	10.72	ng/ul	0.00
76) Pyrene-d10	19.58	212	254102	11.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	273715	10.62	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.34	88	13416	5.54	ng/uL	94
4) Benzaldehyde	6.97	77	45205	12.47	ng/ul	98
6) Phenol	7.02	94	67937	8.86	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	52395	9.47	ng/ul	96
10) 2-Chlorophenol	7.39	128	55180	9.49	ng/ul	100
11) 2-Methylphenol	8.26	108	50481	8.51	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	70042	9.04	ng/ul	98
14) Acetophenone	8.65	105	85876	9.17	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	42975	8.23	ng/ul	99
16) 4-Methylphenol	8.59	108	55637	8.41	ng/ul	100
17) Hexachloroethane	8.90	117	21699	10.02	ng/ul	97
20) Nitrobenzene	9.02	77	62368	10.41	ng/ul	97
21) Isophorone	9.54	82	118827	9.82	ng/ul	99
23) 2-Nitrophenol	9.73	139	30284	10.57	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	63539	10.14	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	69595	9.78	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	52611	10.02	ng/ul	99
28) Naphthalene	10.66	128	172944	10.28	ng/ul	99
30) 4-Chloroaniline	10.77	127	51955	8.79	ng/ul	98
31) Hexachlorobutadiene	10.95	225	36015	11.75	ng/ul	95
32) Caprolactam	11.53	113	17924	9.23	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	58539	9.26	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	126875	9.72	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	67357	11.07	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	39146	11.36	ng/ul	92
38) 2,4,6-Trichlorophenol	12.89	196	44419	10.72	ng/ul	97
39) 2,4,5-Trichlorophenol	12.95	196	49579	10.92	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	169937	10.78	ng/ul	99
41) 2-Chloronaphthalene	13.33	162	130609	10.77	ng/ul	98
42) 2-Nitroaniline	13.53	65	38307	10.07	ng/ul	99
44) Dimethylphthalate	13.91	163	165507	10.27	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	31699	10.05	ng/ul	98
47) Acenaphthylene	14.17	152	208535	10.59	ng/ul	100
48) 3-Nitroaniline	14.36	138	32278	9.98	ng/ul	99
49) Acenaphthene	14.52	153	138969	10.40	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	14705	8.00	ng/ul	93
52) 4-Nitrophenol	14.66	109	30752	10.48	ng/ul	96
53) Dibenzofuran	14.85	168	198462	10.22	ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	46955	9.94	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.08	232	42926	10.15	ng/ul#	96
56) Diethylphthalate	15.27	149	167387	9.85	ng/ul	98
58) Fluorene	15.50	166	164897	10.38	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.50	204	81876	10.62	ng/ul	99
60) 4-Nitroaniline	15.52	138	37936	9.85	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.57	198	25853	9.82	ng/ul#	98
64) N-Nitrosodiphenylamine	15.71	169	144382	11.08	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	51853	11.10	ng/ul	97
66) Hexachlorobenzene	16.50	284	59676	11.01	ng/ul	97
67) Atrazine	16.66	200	54633	11.78	ng/ul	100
68) Pentachlorophenol	16.84	266	33659	9.82	ng/ul	94
69) Phenanthrene	17.24	178	264703	10.30	ng/ul	100
71) Anthracene	17.33	178	272059	10.68	ng/ul	98
72) Carbazole	17.60	167	247729	10.88	ng/ul	100
73) Di-n-butylphthalate	18.16	149	283372	10.03	ng/ul	100
74) Fluoranthene	19.25	202	312457	10.59	ng/ul	99
77) Pyrene	19.61	202	326093	10.96	ng/ul	99
78) Butylbenzylphthalate	20.51	149	132668	10.52	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	114323	11.02	ng/ul	100
80) Benzo(a)anthracene	21.36	228	331766	10.33	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	195208	10.53	ng/ul	98
82) Chrysene	21.41	228	317883	10.45	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	342069	11.08	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	350304	10.73	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	327279	10.23	ng/ul	99
88) Benzo(a)pyrene	23.55	252	339189	10.43	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.96	276	401820	9.53	ng/ul	99
90) Dibenzo(a,h)anthracene	25.97	278	336776	9.62	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	331804	9.13	ng/ul	100

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

