

Data Path : Z:\HPCHEM1\BNA M\Data\BM051816\
 Data File : BM005468.D
 Acq On : 18 May 2016 13:53
 Operator : UM/SJ
 Sample : SSTD16043
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16043

Quant Time: May 18 14:31:52 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 11:54:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	54777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	296832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	196777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	521391	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	616339	20.00	ng/ul	0.01
83) Perylene-d12	23.69	264	781263	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	66124	56.76	ng/uL	0.00
5) Phenol-d5	7.00	99	780753	157.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	399775	141.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	604938	161.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	654244	159.33	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	308765	145.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	346092	144.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	667118	149.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	348513	64.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2128963	134.98	ng/ul	0.01
46) Acenaphthylene-d8	14.17	160	2535502	137.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	479471	166.53	ng/ul	0.02
57) Fluorene-d10	15.47	176	1774428	130.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	420938	143.52	ng/ul	0.02
70) Anthracene-d10	17.32	188	2877445	124.85	ng/ul	0.01
76) Pyrene-d10	19.60	212	3401059	119.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	4393343	127.04	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.35	88	77136	36.32	ng/uL	95
4) Benzaldehyde	6.98	77	207962	86.40	ng/ul	98
6) Phenol	7.03	94	808791	157.51	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	558452	144.46	ng/ul	98
10) 2-Chlorophenol	7.40	128	618557	161.16	ng/ul	99
11) 2-Methylphenol	8.27	108	639273	161.07	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.37	45	769114	146.67	ng/ul	99
14) Acetophenone	8.66	105	915224	150.43	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	481199	151.38	ng/ul	96
16) 4-Methylphenol	8.62	108	693163	157.38	ng/ul	94
17) Hexachloroethane	8.92	117	214806	148.72	ng/ul	96
20) Nitrobenzene	9.04	77	745352	140.48	ng/ul	98
21) Isophorone	9.57	82	1481025	143.76	ng/ul	98
23) 2-Nitrophenol	9.75	139	378133	146.25	ng/ul	99
24) 2,4-Dimethylphenol	9.81	107	764685	139.43	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.05	93	844192	131.57	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	669170	146.52	ng/ul	98
28) Naphthalene	10.69	128	1995824	133.64	ng/ul	99
30) 4-Chloroaniline	10.79	127	387535	70.80	ng/ul	100
31) Hexachlorobutadiene	10.97	225	364595	134.32	ng/ul	99
32) Caprolactam	11.58	113	130778	76.86	ng/ul	98
33) 4-Chloro-3-methylphenol	11.92	107	776737	141.84	ng/ul	96
34) 2-Methylnaphthalene	12.29	142	1525140	136.54	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	793158	132.50	ng/ul	99
37) Hexachlorocyclopentadiene	12.65	237	489487	160.06	ng/ul	96
38) 2,4,6-Trichlorophenol	12.90	196	569578	142.86	ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	618145	139.74	ng/ul	98
40) 1,1'-Biphenyl	13.31	154	2031187	130.30	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	1592921	135.14	ng/ul	99
42) 2-Nitroaniline	13.56	65	568076	156.55	ng/ul	96
44) Dimethylphthalate	13.94	163	2115196	134.22	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	486516	156.54	ng/ul#	90
47) Acenaphthylene	14.20	152	2546518	130.10	ng/ul	99
48) 3-Nitroaniline	14.38	138	407606	123.03	ng/ul	99
49) Acenaphthene	14.54	153	1718864	133.26	ng/ul	99
50) 2,4-Dinitrophenol	14.58	184	327570	183.19	ng/ul	97
52) 4-Nitrophenol	14.69	109	431881	180.42	ng/ul	90
53) Dibenzofuran	14.87	168	2471180	132.04	ng/ul	98
54) 2,4-Dinitrotoluene	14.84	165	725418	156.52	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.10	232	604582	160.76	ng/ul#	99
56) Diethylphthalate	15.30	149	2280298	143.23	ng/ul	99
58) Fluorene	15.52	166	1844901	126.09	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	884895	122.06	ng/ul	96
60) 4-Nitroaniline	15.56	138	578382	164.70	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.60	198	451055	146.35	ng/ul#	91
64) N-Nitrosodiphenylamine	15.73	169	1798616	125.97	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	666008	133.24	ng/ul	98
66) Hexachlorobenzene	16.52	284	744708	132.82	ng/ul	97
67) Atrazine	16.69	200	581614	111.63	ng/ul	98
68) Pentachlorophenol	16.86	266	559987	179.75	ng/ul	97
69) Phenanthrene	17.26	178	3518024	128.33	ng/ul	99
71) Anthracene	17.35	178	3400270	124.40	ng/ul	100
72) Carbazole	17.62	167	3362795	139.84	ng/ul	99
73) Di-n-butylphthalate	18.19	149	4007595	136.63	ng/ul	99
74) Fluoranthene	19.27	202	4226299	139.14	ng/ul	97
77) Pyrene	19.63	202	4202568	117.56	ng/ul	98
78) Butylbenzylphthalate	20.54	149	2042078	137.57	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.32	252	1397942	126.17	ng/ul#	99
80) Benzo(a)anthracene	21.38	228	4502223	126.99	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	2553911	123.86	ng/ul#	99
82) Chrysene	21.43	228	4132980	122.89	ng/ul	96
84) Di-n-octyl phthalate	22.22	149	5330543	116.81	ng/ul	99
85) Benzo(b)fluoranthene	23.00	252	5406817	118.40	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	4970544	115.61	ng/ul	98
88) Benzo(a)pyrene	23.60	252	5195518	120.29	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	6903741	146.49	ng/ul	96
90) Dibenzo(a,h)anthracene	26.06	278	5383794	136.51	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	6345414	158.98	ng/ul	97

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

