

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005498.D
 Acq On : 19 May 2016 08:25
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

Quant Time: May 19 08:57:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 14:47:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	20416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	107502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	76368	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	210452	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	340901	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	412895	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	3450	6.50	ng/uL	0.00
5) Phenol-d5	6.99	99	38574	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	21296	19.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	28675	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	32494	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	14604	18.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	16252	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	33802	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	47379	24.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	124235	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	147997	19.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	26908	20.89	ng/ul	0.00
57) Fluorene-d10	15.46	176	113319	20.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	20469	18.45	ng/ul	0.00
70) Anthracene-d10	17.30	188	193367	19.98	ng/ul	0.00
76) Pyrene-d10	19.59	212	258105	18.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	373583	20.24	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	4301	7.26	ng/uL#	76
4) Benzaldehyde	6.98	77	23703	24.83	ng/ul	98
6) Phenol	7.02	94	41875	20.32	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	28743	19.28	ng/ul	99
10) 2-Chlorophenol	7.40	128	30094	19.43	ng/ul	97
11) 2-Methylphenol	8.27	108	32471	20.26	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.37	45	41043	19.54	ng/ul	97
14) Acetophenone	8.65	105	52770	20.77	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	27058	19.02	ng/ul	97
16) 4-Methylphenol	8.59	108	35781	19.88	ng/ul	97
17) Hexachloroethane	8.92	117	10877	19.22	ng/ul	96
20) Nitrobenzene	9.03	77	38944	20.19	ng/ul	97
21) Isophorone	9.55	82	75184	19.05	ng/ul#	96
23) 2-Nitrophenol	9.74	139	18150	19.82	ng/ul	95
24) 2,4-Dimethylphenol	9.80	107	41729	20.54	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	43949	18.80	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	34810	20.47	ng/ul	98
28) Naphthalene	10.67	128	108211	19.83	ng/ul	98
30) 4-Chloroaniline	10.78	127	50275	24.48	ng/ul	97
31) Hexachlorobutadiene	10.96	225	21471	22.24	ng/ul	93
32) Caprolactam	11.53	113	13333	20.58	ng/ul	96
33) 4-Chloro-3-methylphenol	11.90	107	43082	20.58	ng/ul	96
34) 2-Methylnaphthalene	12.29	142	87464	20.38	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	47797	20.61	ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	21682	16.87	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	32149	20.01	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	36892	20.97	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	118302	19.33	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	91739	19.50	ng/ul	98
42) 2-Nitroaniline	13.54	65	28109	18.94	ng/ul	94
44) Dimethylphthalate	13.92	163	128198	20.03	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	24078	19.54	ng/ul	95
47) Acenaphthylene	14.19	152	152211	19.83	ng/ul	99
48) 3-Nitroaniline	14.36	138	27637	21.04	ng/ul	95
49) Acenaphthene	14.53	153	103875	19.81	ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	13810	19.23	ng/ul	95
52) 4-Nitrophenol	14.66	109	27682	24.01	ng/ul#	79
53) Dibenzofuran	14.86	168	153087	20.02	ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	38200	20.43	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	34808	20.91	ng/ul#	98
56) Diethylphthalate	15.29	149	135292	19.98	ng/ul	99
58) Fluorene	15.51	166	130312	20.60	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	63384	20.83	ng/ul	98
60) 4-Nitroaniline	15.52	138	33384	21.68	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.58	198	22492	18.60	ng/ul#	93
64) N-Nitrosodiphenylamine	15.72	169	115371	19.32	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	41725	19.62	ng/ul	97
66) Hexachlorobenzene	16.51	284	49771	20.12	ng/ul	95
67) Atrazine	16.67	200	47523	22.22	ng/ul	98
68) Pentachlorophenol	16.85	266	31039	19.48	ng/ul	99
69) Phenanthrene	17.24	178	237227	19.82	ng/ul	100
71) Anthracene	17.33	178	240557	20.32	ng/ul	98
72) Carbazole	17.60	167	229976	21.44	ng/ul	100
73) Di-n-butylphthalate	18.17	149	249561	18.79	ng/ul	99
74) Fluoranthene	19.26	202	316753	22.62	ng/ul	95
77) Pyrene	19.62	202	341745	18.71	ng/ul#	94
78) Butylbenzylphthalate	20.52	149	137890	17.78	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	140133	21.47	ng/ul	99
80) Benzo(a)anthracene	21.36	228	398116	19.88	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	221462	19.09	ng/ul	99
82) Chrysene	21.41	228	378710	19.99	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	412117	18.80	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	472552	20.00	ng/ul	98
86) Benzo(k)fluoranthene	23.01	252	457675	19.94	ng/ul	98
88) Benzo(a)pyrene	23.56	252	471998	20.10	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	656760	21.24	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.98	278	544352	21.20	ng/ul	97
91) Benzo(g,h,i)perylene	26.67	276	574655	21.45	ng/ul	95

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

