

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
 Data File : BM009337.D
 Acq On : 23 Mar 2017 11:03
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

Quant Time: Mar 23 19:19:12 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 23 16:17:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	128067	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.66	136	524470	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.50	164	312452	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.25	188	720837	20.00	ng/ul	-0.01
77) Chrysene-d12	21.43	240	992266	20.00	ng/ul	0.00
85) Perylene-d12	23.76	264	929352	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	35287	10.50	ng/uL	-0.01
5) Phenol-d5	7.02	99	346142	29.90	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.19	67	248905	30.15	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.39	132	242460	31.09	ng/ul	-0.01
13) 4-Methylphenol-d8	8.56	113	263890	30.52	ng/ul	-0.01
19) Nitrobenzene-d5	9.02	128	116439	30.20	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.75	143	126979	30.37	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.28	165	262974	31.97	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	231644	24.44	ng/ul	-0.01
43) Dimethylphthalate-d6	13.91	166	784564	35.70	ng/ul	-0.01
46) Acenaphthylene-d8	14.20	160	969463	35.17	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.70	143	141890	35.03	ng/ul	-0.01
57) Fluorene-d10	15.50	176	703684	34.90	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.62	200	137503	30.18	ng/ul	-0.01
70) Anthracene-d10	17.35	188	1051806	30.59	ng/ul	-0.01
78) Pyrene-d10	19.64	212	1288264	30.63	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.60	264	1390244	32.48	ng/ul	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	37541	10.00	ng/uL#	68
4) Benzaldehyde	7.00	77	146297	18.03	ng/ul#	76
6) Phenol	7.04	94	373915	30.18	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.29	93	280051	29.01	ng/ul#	80
10) 2-Chlorophenol	7.42	128	256359	30.90	ng/ul#	70
11) 2-Methylphenol	8.29	108	264900	30.90	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.39	45	477881	30.52	ng/ul#	84
14) Acetophenone	8.69	105	446107	30.26	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.66	70	271532	31.91	ng/ul#	76
16) 4-Methylphenol	8.62	108	292040	31.37	ng/ul	99
17) Hexachloroethane	8.93	117	113530	28.36	ng/ul	99
20) Nitrobenzene	9.07	77	396950	30.54	ng/ul#	82
21) Isophorone	9.59	82	685739	31.73	ng/ul#	91
23) 2-Nitrophenol	9.78	139	140547	31.78	ng/ul#	70
24) 2,4-Dimethylphenol	9.82	107	344403	31.54	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.07	93	388255	31.00	ng/ul#	95
27) 2,4-Dichlorophenol	10.30	162	264855	32.11	ng/ul	95
28) Naphthalene	10.71	128	802845	30.25	ng/ul	100
30) 4-Chloroaniline	10.82	127	246581	24.70	ng/ul	99
31) Hexachlorobutadiene	10.98	225	183174	28.35	ng/ul	97
32) Caprolactam	11.60	113	55217	23.93	ng/ul#	47
33) 4-Chloro-3-methylphenol	11.94	107	294171	31.76	ng/ul	89
34) 2-Methylnaphthalene	12.32	142	587378	30.69	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	358727	34.17	ng/ul#	94
37) Hexachlorocyclopentadiene	12.66	237	218048	33.11	ng/ul	97
38) 2,4,6-Trichlorophenol	12.93	196	214656	34.92	ng/ul	99
39) 2,4,5-Trichlorophenol	13.00	196	240137	36.21	ng/ul	98
40) 1,1'-Biphenyl	13.33	154	788268	34.14	ng/ul#	97
41) 2-Chloronaphthalene	13.37	162	609963	33.96	ng/ul	96
42) 2-Nitroaniline	13.59	65	241666	36.51	ng/ul#	68
44) Dimethylphthalate	13.96	163	778397	35.51	ng/ul	99
45) 2,6-Dinitrotoluene	14.09	165	152528	36.00	ng/ul#	69
47) Acenaphthylene	14.23	152	969570	35.31	ng/ul	98
48) 3-Nitroaniline	14.42	138	123728	28.32	ng/ul#	74
49) Acenaphthene	14.57	153	669016	34.69	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	100155	34.41	ng/ul#	87
52) 4-Nitrophenol	14.71	109	164938	34.74	ng/ul#	74
53) Dibenzofuran	14.90	168	971087	34.74	ng/ul	97
54) 2,4-Dinitrotoluene	14.87	165	233762	36.91	ng/ul#	57
55) 2,3,4,6-Tetrachlorophenol	15.13	232	216082	36.15	ng/ul	89
56) Diethylphthalate	15.32	149	793886	35.31	ng/ul	99
58) Fluorene	15.55	166	822139	36.07	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.55	204	422158	34.73	ng/ul	91
60) 4-Nitroaniline	15.58	138	139220	30.00	ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	15.63	198	150452	30.71	ng/ul#	87
64) N-Nitrosodiphenylamine	15.76	169	694436	31.93	ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	266616	33.02	ng/ul#	88
66) Hexachlorobenzene	16.55	284	291685	32.06	ng/ul#	91
67) Atrazine	16.71	200	263376	32.75	ng/ul	99
68) Pentachlorophenol	16.89	266	173940	31.58	ng/ul	99
69) Phenanthrene	17.29	178	1319013	32.51	ng/ul	99
71) Anthracene	17.39	178	1264604	30.44	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	327182	30.87	ng/uL	96
73) Pentachlorobenzene	14.82	250	322980	30.82	ng/uL	98
74) Carbazole	17.66	167	1151709	30.75	ng/ul	98
75) Di-n-butylphthalate	18.20	149	1358804	33.61	ng/ul#	98
76) Fluoranthene	19.30	202	1557879	31.76	ng/ul	97
79) Pyrene	19.67	202	1672496	30.68	ng/ul	99
80) Butylbenzylphthalate	20.56	149	646541	32.51	ng/ul#	79
81) 3,3'-Dichlorobenzidine	21.34	252	505429	26.55	ng/ul	99
82) Benzo(a)anthracene	21.41	228	1781711	31.58	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	929278	31.84	ng/ul#	99
84) Chrysene	21.46	228	1585591	29.65	ng/ul	98
86) Di-n-octyl phthalate	22.22	149	1656116	30.70	ng/ul#	84
87) Benzo(b)fluoranthene	23.09	252	1753082	31.24	ng/ul	97
88) Benzo(k)fluoranthene	23.09	252	1753082	32.79	ng/ul	98
90) Benzo(a)pyrene	23.65	252	1728715	32.31	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.13	276	1958762	32.15	ng/ul#	89
92) Dibenzo(a,h)anthracene	26.14	278	1631296	31.25	ng/ul#	96
93) Benzo(g,h,i)perylene	26.86	276	1603957	31.60	ng/ul#	92

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

