

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092816\
 Data File : BM007619.D
 Acq On : 29 Sep 2016 01:30
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

Quant Time: Sep 29 02:01:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 29 01:59:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	170092	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	815148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	655240	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1503999	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2055228	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	1936140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	29064	8.40	ng/uL	0.00
5) Phenol-d5	6.95	99	301505	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	172498	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	228421	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	260277	20.20	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	122251	20.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	138132	20.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	273475	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	289426	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	970955	20.37	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1140301	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	162844	19.36	ng/ul	0.00
57) Fluorene-d10	15.40	176	862728	20.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	173214	18.87	ng/ul	0.00
70) Anthracene-d10	17.25	188	1427173	20.65	ng/ul	0.00
76) Pyrene-d10	19.54	212	1790655	21.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	1777076	20.74	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	30829	8.50	ng/uL	98
4) Benzaldehyde	6.93	77	212001	20.94	ng/ul	96
6) Phenol	6.97	94	315883	20.62	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.20	93	232371	21.18	ng/ul	99
10) 2-Chlorophenol	7.34	128	230352	20.95	ng/ul	96
11) 2-Methylphenol	8.22	108	242305	20.52	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	261106	21.88	ng/ul	98
14) Acetophenone	8.59	105	415580	21.18	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	214420	21.52	ng/ul	97
16) 4-Methylphenol	8.54	108	277173	20.98	ng/ul	99
17) Hexachloroethane	8.84	117	93943	20.88	ng/ul	94
20) Nitrobenzene	8.97	77	310366	20.78	ng/ul	98
21) Isophorone	9.49	82	607177	21.25	ng/ul	99
23) 2-Nitrophenol	9.67	139	145966	21.19	ng/ul	95
24) 2,4-Dimethylphenol	9.73	107	328218	20.60	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	347249	21.30	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	271809	20.91	ng/ul	99
28) Naphthalene	10.60	128	818744	20.79	ng/ul	100
30) 4-Chloroaniline	10.72	127	293582	20.25	ng/ul	98
31) Hexachlorobutadiene	10.89	225	182877	19.26	ng/ul	98
32) Caprolactam	11.50	113	97475	20.49	ng/ul	97
33) 4-Chloro-3-methylphenol	11.85	107	333742	21.09	ng/ul	94
34) 2-Methylnaphthalene	12.22	142	647515	20.95	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	389790	20.18	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	173411	16.71	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	254602	20.65	ng/ul	99
39) 2,4,5-Trichlorophenol	12.91	196	278754	20.67	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	905208	20.80	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	691191	20.42	ng/ul	98
42) 2-Nitroaniline	13.49	65	224989	21.63	ng/ul	98
44) Dimethylphthalate	13.86	163	929776	20.11	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	192172	20.96	ng/ul	91
47) Acenaphthylene	14.13	152	1142460	20.80	ng/ul	99
48) 3-Nitroaniline	14.32	138	185846	19.94	ng/ul	93
49) Acenaphthene	14.47	153	770084	20.40	ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	100076	16.34	ng/ul#	85
52) 4-Nitrophenol	14.63	109	162492	18.55	ng/ul	96
53) Dibenzofuran	14.80	168	1145817	20.57	ng/ul	96
54) 2,4-Dinitrotoluene	14.78	165	300731	21.26	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	273294	20.48	ng/ul#	97
56) Diethylphthalate	15.23	149	957767	20.31	ng/ul	99
58) Fluorene	15.46	166	941208	20.47	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	487199	20.14	ng/ul	99
60) 4-Nitroaniline	15.49	138	209934	20.48	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.55	198	176011	18.68	ng/ul	99
64) N-Nitrosodiphenylamine	15.66	169	847188	20.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	334319	20.40	ng/ul	97
66) Hexachlorobenzene	16.46	284	371535	20.12	ng/ul	96
67) Atrazine	16.62	200	340400	20.12	ng/ul	99
68) Pentachlorophenol	16.80	266	224635	19.43	ng/ul	99
69) Phenanthrene	17.19	178	1632912	20.50	ng/ul	100
71) Anthracene	17.28	178	1683701	20.83	ng/ul	99
72) Carbazole	17.56	167	1520015	21.15	ng/ul	100
73) Di-n-butylphthalate	18.12	149	1683688	20.72	ng/ul	99
74) Fluoranthene	19.21	202	2096430	20.87	ng/ul	99
77) Pyrene	19.57	202	2210173	21.92	ng/ul	98
78) Butylbenzylphthalate	20.47	149	853546	22.05	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.25	252	696596	18.45	ng/ul	99
80) Benzo(a)anthracene	21.32	228	2318227	20.64	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	1228259	22.01	ng/ul	99
82) Chrysene	21.37	228	2206968	20.57	ng/ul	99
84) Di-n-octyl phthalate	22.12	149	2247527	24.03	ng/ul	99
85) Benzo(b)fluoranthene	22.92	252	2257331	20.78	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	2277173	21.79	ng/ul	99
88) Benzo(a)pyrene	23.50	252	2153341	20.66	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.87	276	2196751	19.08	ng/ul	99
90) Dibenzo(a,h)anthracene	25.89	278	1792201	18.90	ng/ul	100
91) Benzo(g,h,i)perylene	26.57	276	1826924	18.91	ng/ul	98

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

