

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070616\
 Data File : BM006275.D
 Acq On : 06 Jul 2016 08:34
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02040

Quant Time: Jul 06 09:05:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 05 17:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	264038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1206722	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	677151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1437915	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1141076	20.00	ng/ul	0.00
83) Perylene-d12	23.45	264	1067433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	49008	7.94	ng/uL	0.00
5) Phenol-d5	6.82	99	499755	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	313102	21.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	382119	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	402350	20.11	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	191203	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	206563	18.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	382287	19.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	509338	24.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1122634	19.87	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1434281	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	191461	17.88	ng/ul	0.00
57) Fluorene-d10	15.29	176	958921	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	153592	18.23	ng/ul	0.00
70) Anthracene-d10	17.14	188	1382371	20.15	ng/ul	0.00
76) Pyrene-d10	19.44	212	1339548	24.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	1023213	20.63	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	54202	8.02	ng/uL#	28
4) Benzaldehyde	6.79	77	332878	23.27	ng/ul	99
6) Phenol	6.85	94	527017	20.51	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	409324	21.57	ng/ul	99
10) 2-Chlorophenol	7.21	128	392369	20.03	ng/ul	98
11) 2-Methylphenol	8.09	108	402111	20.43	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	597375	21.07	ng/ul	98
14) Acetophenone	8.46	105	635518	20.84	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	344022	19.75	ng/ul	97
16) 4-Methylphenol	8.42	108	438228	20.51	ng/ul	100
17) Hexachloroethane	8.71	117	159485	19.88	ng/ul	95
20) Nitrobenzene	8.84	77	501372	20.05	ng/ul	96
21) Isophorone	9.36	82	938935	19.70	ng/ul	99
23) 2-Nitrophenol	9.55	139	227360	19.37	ng/ul	98
24) 2,4-Dimethylphenol	9.61	107	483751	19.49	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	580841	20.40	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	384858	19.69	ng/ul	96
28) Naphthalene	10.47	128	1248172	20.10	ng/ul	99
30) 4-Chloroaniline	10.59	127	527782	24.75	ng/ul	97
31) Hexachlorobutadiene	10.76	225	236439	19.36	ng/ul	98
32) Caprolactam	11.34	113	135856	17.55	ng/ul	94
33) 4-Chloro-3-methylphenol	11.72	107	448534	18.80	ng/ul	97
34) 2-Methylnaphthalene	12.09	142	936755	19.88	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	468268	20.80	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	222044	17.35	ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	317496	19.96	ng/ul	100
39) 2,4,5-Trichlorophenol	12.79	196	329198	19.82	ng/ul	99
40) 1,1'-Biphenyl	13.12	154	1186508	21.25	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	920394	21.15	ng/ul	100
42) 2-Nitroaniline	13.37	65	327816	19.74	ng/ul	97
44) Dimethylphthalate	13.75	163	1123092	19.77	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	239167	19.43	ng/ul	99
47) Acenaphthylene	14.02	152	1498890	20.41	ng/ul	99
48) 3-Nitroaniline	14.20	138	252583	22.46	ng/ul	98
49) Acenaphthene	14.36	153	951143	20.39	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	92762	13.54	ng/ul	95
52) 4-Nitrophenol	14.52	109	179964	16.71	ng/ul	98
53) Dibenzofuran	14.69	168	1347967	20.24	ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	334818	19.25	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.93	232	278566	18.59	ng/ul	96
56) Diethylphthalate	15.13	149	1157702	19.53	ng/ul	99
58) Fluorene	15.34	166	1038160	19.44	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	502932	19.19	ng/ul	98
60) 4-Nitroaniline	15.37	138	264702	19.96	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.44	198	168125	18.58	ng/ul	96
64) N-Nitrosodiphenylamine	15.56	169	939582	21.63	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	336838	20.93	ng/ul	98
66) Hexachlorobenzene	16.35	284	360997	20.31	ng/ul	99
67) Atrazine	16.52	200	337759	21.05	ng/ul	99
68) Pentachlorophenol	16.70	266	172961	18.31	ng/ul	97
69) Phenanthrene	17.09	178	1642844	20.48	ng/ul	99
71) Anthracene	17.17	178	1669016	20.15	ng/ul	99
72) Carbazole	17.45	167	1459663	21.02	ng/ul	100
73) Di-n-butylphthalate	18.02	149	1878959	19.69	ng/ul	100
74) Fluoranthene	19.11	202	1752598	19.63	ng/ul	100
77) Pyrene	19.47	202	1768422	24.71	ng/ul	100
78) Butylbenzylphthalate	20.38	149	744746	22.78	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.16	252	462090	21.90	ng/ul	100
80) Benzo(a)anthracene	21.22	228	1454227	20.78	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	987442	22.52	ng/ul	100
82) Chrysene	21.27	228	1326227	20.75	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	1629091	25.69	ng/ul	99
85) Benzo(b)fluoranthene	22.79	252	1362555	21.56	ng/ul	98
86) Benzo(k)fluoranthene	22.83	252	1291633	21.96	ng/ul	99
88) Benzo(a)pyrene	23.36	252	1290839	21.10	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.67	276	1434101	20.49	ng/ul	97
90) Dibenzo(a,h)anthracene	25.68	278	1193230	20.68	ng/ul	99
91) Benzo(g,h,i)perylene	26.34	276	1238217	20.51	ng/ul	97

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

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