

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\
 Data File : BM003894.D
 Acq On : 30 Dec 2015 23:41
 Operator : SJ/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02044

Quant Time: Dec 31 04:01:45 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 22:56:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	42409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	185143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	101700	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	205980	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	193866	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	186603	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7579	7.99	ng/uL	0.00
5) Phenol-d5	6.85	99	74629	21.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	42952	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	61568	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	60885	21.34	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	28931	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	31955	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	57955	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	79235	22.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	163268	20.45	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	207622	21.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	27376	19.09	ng/ul	0.00
58) Fluorene-d10	15.32	176	140842	20.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	22085	19.01	ng/ul	0.00
71) Anthracene-d10	17.17	188	201101	21.11	ng/ul	0.00
79) Pyrene-d10	19.47	212	203159	20.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	197422	21.18	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.17	88	9056	8.23	ng/uL	96
4) Benzaldehyde	6.82	77	46188	22.37	ng/ul	99
6) Phenol	6.87	94	79504	21.40	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	60273	21.56	ng/ul	97
10) 2-Chlorophenol	7.24	128	64341	21.27	ng/ul	98
11) 2-Methylphenol	8.12	108	60055	21.15	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	66779	21.74	ng/ul	97
14) Acetophenone	8.49	105	97735	21.99	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	48167	21.60	ng/ul	97
16) 4-Methylphenol	8.45	108	66753	21.68	ng/ul	98
17) Hexachloroethane	8.74	117	24728	21.18	ng/ul	95
20) Nitrobenzene	8.87	77	69901	21.26	ng/ul	97
21) Isophorone	9.39	82	128300	21.02	ng/ul	99
23) 2-Nitrophenol	9.58	139	35936	21.19	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	73196	21.52	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	80238	21.27	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	60327	21.53	ng/ul	100
28) Naphthalene	10.51	128	207433	21.51	ng/ul	100
30) 4-Chloroaniline	10.62	127	81171	22.36	ng/ul	99
31) Hexachlorobutadiene	10.79	225	36563	21.20	ng/ul	99
32) Caprolactam	11.37	113	17038	19.01	ng/ul	96
33) 4-Chloro-3-methylphenol	11.76	107	65249	20.82	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	146052	21.41	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	138816	21.44	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	70932	21.80	ng/ul	99
38) Hexachlorocyclopentadiene	12.48	237	32929	19.32	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	44189	21.08	ng/ul	99
40) 2,4,5-Trichlorophenol	12.83	196	48201	21.21	ng/ul	100
41) 1,1'-Biphenyl	13.15	154	185488	21.65	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	138636	21.58	ng/ul	99
43) 2-Nitroaniline	13.41	65	36129	20.21	ng/ul	95
45) Dimethylphthalate	13.79	163	167074	20.53	ng/ul	99
46) 2,6-Dinitrotoluene	13.91	165	32447	20.23	ng/ul	95
48) Acenaphthylene	14.05	152	228891	21.48	ng/ul	99
49) 3-Nitroaniline	14.24	138	36303	20.88	ng/ul	96
50) Acenaphthene	14.39	153	151848	21.55	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	12951	16.64	ng/ul	96
53) 4-Nitrophenol	14.56	109	22014	19.43	ng/ul	93
54) Dibenzofuran	14.73	168	209319	21.22	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	46697	20.04	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.96	232	36663	20.14	ng/ul	97
57) Diethylphthalate	15.15	149	164168	19.90	ng/ul	100
59) Fluorene	15.38	166	165294	21.12	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	79633	21.10	ng/ul	95
61) 4-Nitroaniline	15.40	138	36353	19.97	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	24313	19.61	ng/ul	99
65) N-Nitrosodiphenylamine	15.59	169	139115	21.50	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	45471	21.28	ng/ul	95
67) Hexachlorobenzene	16.39	284	49878	21.37	ng/ul	97
68) Atrazine	16.54	200	44663	19.92	ng/ul	97
69) Pentachlorophenol	16.73	266	20717	18.23	ng/ul	99
70) Phenanthrene	17.12	178	247203	21.34	ng/ul	100
72) Anthracene	17.21	178	253658	21.35	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	74610	22.58	ng/uL	99
74) Pentachlorobenzene	14.65	250	64729	22.07	ng/uL	99
75) Carbazole	17.48	167	224286	21.47	ng/ul	100
76) Di-n-butylphthalate	18.04	149	240966	18.88	ng/ul	100
77) Fluoranthene	19.14	202	260278	21.62	ng/ul	98
80) Pvrene	19.50	202	269160	20.45	ng/ul	97
81) Butylbenzylphthalate	20.41	149	97353	18.32	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.20	252	74805	22.27	ng/ul	100
83) Benzo(a)anthracene	21.26	228	244324	21.16	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	135083	19.21	ng/ul	100
85) Chrysene	21.32	228	233687	21.30	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	233039	18.73	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	235013	20.72	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	228391	21.16	ng/ul	99
91) Benzo(a)pyrene	23.42	252	229722	21.35	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	264885	22.26	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	222940	22.30	ng/ul	98
94) Benzo(a,h,i)perylene	26.46	276	221531	22.17	ng/ul	99

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

