

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121415\
 Data File : BM003533.D
 Acq On : 14 Dec 2015 10:27
 Operator : UM/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02045

Quant Time: Dec 15 00:14:53 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 14 04:23:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	96787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	440487	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	245806	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	488368	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	451854	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	443260	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	15166	7.79	ng/uL	0.00
5) Phenol-d5	6.89	99	161294	20.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	87994	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	135963	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	134507	20.75	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	65797	21.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	70928	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	133197	21.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	173901	24.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	381985	20.67	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	475763	20.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	50829	15.35	ng/ul	0.01
58) Fluorene-d10	15.37	176	320789	20.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	40789	16.32	ng/ul	0.00
71) Anthracene-d10	17.22	188	448617	20.68	ng/ul	0.00
79) Pyrene-d10	19.52	212	449779	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	448774	20.98	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.21	88	17917	7.72	ng/uL 100
4) Benzaldehyde	6.86	77	100778	21.21	ng/ul 99
6) Phenol	6.92	94	171221	20.99	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.15	93	128104	20.36	ng/ul 100
10) 2-Chlorophenol	7.29	128	140850	20.81	ng/ul 98
11) 2-Methylphenol	8.16	108	132871	20.92	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	129811	20.67	ng/ul 99
14) Acetophenone	8.54	105	211579	21.29	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	100679	21.48	ng/ul 99
16) 4-Methylphenol	8.49	108	145292	20.66	ng/ul 99
17) Hexachloroethane	8.79	117	51867	20.85	ng/ul 100
20) Nitrobenzene	8.92	77	151655	21.84	ng/ul 98
21) Isophorone	9.44	82	277928	21.44	ng/ul 99
23) 2-Nitrophenol	9.63	139	79594	22.04	ng/ul 98
24) 2,4-Dimethylphenol	9.69	107	162955	21.52	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.93	93	176024	20.31	ng/ul 99
27) 2,4-Dichlorophenol	10.16	162	137719	20.99	ng/ul 99
28) Naphthalene	10.56	128	461775	20.76	ng/ul 100
30) 4-Chloroaniline	10.67	127	175486	24.24	ng/ul 99
31) Hexachlorobutadiene	10.85	225	82957	20.91	ng/ul 99
32) Caprolactam	11.43	113	36560	19.10	ng/ul 93
33) 4-Chloro-3-methylphenol	11.81	107	144426	20.93	ng/ul 97
34) 2-Methylnaphthalene	12.18	142	331708	20.42	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	313817	20.44	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	162766	21.05	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	68577	15.43	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	102884	21.36	ng/ul	100
40) 2,4,5-Trichlorophenol	12.87	196	108305	20.29	ng/ul	100
41) 1,1'-Biphenyl	13.20	154	425208	20.75	ng/ul	99
42) 2-Chloronaphthalene	13.24	162	319294	20.88	ng/ul	99
43) 2-Nitroaniline	13.45	65	77279	22.65	ng/ul	98
45) Dimethylphthalate	13.83	163	390547	20.54	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	76300	21.88	ng/ul	97
48) Acenaphthylene	14.09	152	521699	21.02	ng/ul	99
49) 3-Nitroaniline	14.28	138	77892	21.23	ng/ul	98
50) Acenaphthene	14.44	153	342102	20.64	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	19158	10.56	ng/ul	94
53) 4-Nitrophenol	14.60	109	42295	16.30	ng/ul	95
54) Dibenzofuran	14.77	168	474203	20.19	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	106470	20.99	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	84046	20.18	ng/ul	98
57) Diethylphthalate	15.20	149	386742	21.00	ng/ul	99
59) Fluorene	15.43	166	366980	20.17	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.42	204	179120	20.15	ng/ul	97
61) 4-Nitroaniline	15.45	138	76475	18.60	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.51	198	44271	16.30	ng/ul#	96
65) N-Nitrosodiphenylamine	15.63	169	311351	20.90	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	103570	21.07	ng/ul	99
67) Hexachlorobenzene	16.43	284	114095	20.92	ng/ul	97
68) Atrazine	16.59	200	104510	21.11	ng/ul	99
69) Pentachlorophenol	16.77	266	48986	16.55	ng/ul	100
70) Phenanthrene	17.16	178	549892	20.45	ng/ul	99
72) Anthracene	17.26	178	557369	20.57	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	172853	21.95	ng/uL	99
74) Pentachlorobenzene	14.69	250	149656	21.46	ng/uL	99
75) Carbazole	17.53	167	479443	20.47	ng/ul	99
76) Di-n-butylphthalate	18.09	149	588587	23.34	ng/ul	100
77) Fluoranthene	19.19	202	575595	21.19	ng/ul	99
80) Pvrene	19.55	202	587768	20.10	ng/ul	99
81) Butylbenzylphthalate	20.46	149	237555	24.90	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.24	252	159336	21.63	ng/ul	99
83) Benzo(a)anthracene	21.31	228	538946	20.87	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	337620	25.47	ng/ul	99
85) Chrysene	21.36	228	517435	20.79	ng/ul	100
87) Di-n-octyl phthalate	22.12	149	586128	22.30	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	555612	21.45	ng/ul	100
89) Benzo(k)fluoranthene	22.95	252	498207	19.60	ng/ul	99
91) Benzo(a)pyrene	23.49	252	516820	20.56	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	591924	21.02	ng/ul	99
93) Dibenzo(a,h)anthracene	25.87	278	495441	20.78	ng/ul	98
94) Benzo(a,h,i)perylene	26.56	276	495888	20.91	ng/ul	99

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

