

Data Path : Z:\HPCHEM1\BNA M\Data\BM111115\
 Data File : BM003085.D
 Acq On : 11 Nov 2015 14:38
 Operator : UM/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02036

Quant Time: Nov 13 11:27:49 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	132725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	612333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	349797	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	738914	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	724296	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	695028	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18638	6.62	ng/uL	0.00
5) Phenol-d5	6.91	99	177173	16.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	99662	16.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	150667	16.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	149715	17.70	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	71113	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	76179	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	149525	17.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	175918	16.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.81	166	452632	17.20	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	563978	16.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	81661	18.41	ng/ul	0.00
58) Fluorene-d10	15.39	176	389810	17.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	61601	18.00	ng/ul	0.00
71) Anthracene-d10	17.24	188	565486	17.26	ng/ul	0.00
79) Pyrene-d10	19.54	212	581738	16.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	576524	17.46	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	20201	6.57 ng/uL#	91
4) Benzaldehyde	6.89	77	76760	14.24 ng/ul	94
6) Phenol	6.94	94	183952	17.03 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	144242	16.74 ng/ul	98
10) 2-Chlorophenol	7.32	128	156890	17.09 ng/ul	97
11) 2-Methylphenol	8.19	108	144561	17.16 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	160981	15.19 ng/ul#	93
14) Acetophenone	8.57	105	233670	18.19 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.56	70	110958	17.44 ng/ul	93
16) 4-Methylphenol	8.52	108	160622	17.65 ng/ul	100
17) Hexachloroethane	8.83	117	59999	17.17 ng/ul	97
20) Nitrobenzene	8.95	77	163120	18.03 ng/ul	93
21) Isophorone	9.47	82	310546	16.92 ng/ul	96
23) 2-Nitrophenol	9.66	139	86860	19.77 ng/ul#	88
24) 2,4-Dimethylphenol	9.72	107	177876	17.33 ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.96	93	200152	16.89 ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	153891	17.68 ng/ul	99
28) Naphthalene	10.59	128	512158	16.67 ng/ul	100
30) 4-Chloroaniline	10.70	127	186470	16.21 ng/ul	99
31) Hexachlorobutadiene	10.88	225	94817	17.59 ng/ul	99
32) Caprolactam	11.45	113	45147	18.32 ng/ul	93
33) 4-Chloro-3-methylphenol	11.83	107	161490	17.55 ng/ul	97
34) 2-Methylnaphthalene	12.21	142	378870	17.11 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.43	142	368528	16.97	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	186951	16.70	ng/ul	98
38) Hexachlorocyclopentadiene	12.56	237	109410	16.61	ng/ul	95
39) 2,4,6-Trichlorophenol	12.82	196	118160	17.29	ng/ul	96
40) 2,4,5-Trichlorophenol	12.89	196	130717	17.79	ng/ul	98
41) 1,1'-Biphenyl	13.23	154	489301	16.60	ng/ul	99
42) 2-Chloronaphthalene	13.27	162	367933	16.78	ng/ul	99
43) 2-Nitroaniline	13.47	65	88640	20.11	ng/ul	92
45) Dimethylphthalate	13.86	163	457534	17.06	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	87349	19.93	ng/ul#	87
48) Acenaphthylene	14.12	152	602011	16.91	ng/ul	100
49) 3-Nitroaniline	14.30	138	82930	17.89	ng/ul	92
50) Acenaphthene	14.46	153	397514	16.58	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	42297	17.37	ng/ul	91
53) 4-Nitrophenol	14.60	109	63659	18.88	ng/ul#	71
54) Dibenzofuran	14.80	168	560379	16.71	ng/ul	94
55) 2,4-Dinitrotoluene	14.76	165	125511	20.35	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.02	232	108209	17.84	ng/ul	98
57) Diethylphthalate	15.22	149	453217	17.14	ng/ul	100
59) Fluorene	15.45	166	447971	17.19	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.45	204	215142	17.58	ng/ul	97
61) 4-Nitroaniline	15.46	138	86411	17.40	ng/ul#	80
64) 4,6-Dinitro-2-methylphenol	15.52	198	66368	17.89	ng/ul	95
65) N-Nitrosodiphenylamine	15.66	169	383011	17.26	ng/ul	99
66) 4-Bromophenyl-phenylether	16.34	248	130924	18.20	ng/ul	96
67) Hexachlorobenzene	16.45	284	146954	16.85	ng/ul	99
68) Atrazine	16.60	200	133197	17.38	ng/ul	97
69) Pentachlorophenol	16.79	266	81054	16.58	ng/ul	97
70) Phenanthrene	17.19	178	689503	16.48	ng/ul	99
72) Anthracene	17.27	178	692479	16.94	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	184699	16.49	ng/uL	99
74) Pentachlorobenzene	14.72	250	178677	16.87	ng/uL	98
75) Carbazole	17.54	167	598922	17.16	ng/ul	99
76) Di-n-butylphthalate	18.11	149	701922	17.46	ng/ul#	99
77) Fluoranthene	19.20	202	735805	17.39	ng/ul	95
80) Pvrene	19.57	202	768851	16.23	ng/ul#	92
81) Butylbenzylphthalate	20.47	149	282459	20.21	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.25	252	198262	19.58	ng/ul	99
83) Benzo(a)anthracene	21.32	228	692822	17.42	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	410310	18.77	ng/ul	100
85) Chrysene	21.37	228	662614	16.84	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	689966	19.28	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	693415	17.32	ng/ul#	97
89) Benzo(k)fluoranthene	22.96	252	643331	17.22	ng/ul#	96
91) Benzo(a)pyrene	23.50	252	652023	17.20	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.89	276	756663	18.15	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.90	278	644775	19.62	ng/ul#	93
94) Benzo(a,h,i)perylene	26.59	276	640841	17.08	ng/ul	94

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

