

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000581.D
 Acq On : 21 Feb 2015 05:46
 Operator : TP/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC020

Quant Time: Feb 23 15:49:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 21 00:39:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	95139	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	388276	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	242046	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.06	188	524582	20.00	ng/ul	-0.01
75) Chrysene-d12	21.26	240	485433	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	409288	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.85	99	129866	18.75	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.00	67	75753	18.51	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	108457	18.41	ng/ul	-0.01
11) 4-Methylphenol-d8	8.38	113	105663	18.00	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	50626	19.43	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	57908	19.20	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	118779	18.59	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	121935	21.39	ng/ul	0.00
41) Dimethylphthalate-d6	13.73	166	325416	18.58	ng/ul	0.00
44) Acenaphthylene-d8	14.01	160	438307	18.67	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	53589	19.13	ng/ul	-0.01
55) Fluorene-d10	15.32	176	318734	18.62	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	54949	18.02	ng/ul	0.00
68) Anthracene-d10	17.16	188	471699	19.01	ng/ul	0.00
76) Pyrene-d10	19.46	212	476023	16.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	365380	19.04	ng/ul	0.00

Target Compounds

					Qvalue
2) Benzaldehyde	6.82	77	77468	19.66	ng/ul 98
4) Phenol	6.87	94	128808	18.66	ng/ul 98
6) Bis(2-Chloroethyl)ether	7.10	93	100079	18.53	ng/ul 98
8) 2-Chlorophenol	7.23	128	111214	18.67	ng/ul 96
9) 2-Methylphenol	8.12	108	102759	18.29	ng/ul 98
10) 2,2'-oxybis(1-Chloropropan	8.20	45	213041	18.37	ng/ul 97
12) Acetophenone	8.49	105	166045	17.86	ng/ul 98
13) N-Nitroso-di-n-propylamine	8.47	70	79516	17.65	ng/ul# 98
14) 4-Methylphenol	8.45	108	111578	18.07	ng/ul 95
15) Hexachloroethane	8.74	117	47335	18.71	ng/ul 95
18) Nitrobenzene	8.87	77	131761	19.85	ng/ul 98
19) Isophorone	9.39	82	213065	18.43	ng/ul 97
21) 2-Nitrophenol	9.57	139	60119	18.97	ng/ul 100
22) 2,4-Dimethylphenol	9.65	107	135028	18.45	ng/ul 97
23) Bis(2-Chloroethoxy)methane	9.87	93	131950	18.42	ng/ul 96
25) 2,4-Dichlorophenol	10.11	162	115134	18.73	ng/ul 98
26) Naphthalene	10.50	128	374489	18.73	ng/ul 99
28) 4-Chloroaniline	10.62	127	120449	21.60	ng/ul 98
29) Hexachlorobutadiene	10.79	225	81582	18.61	ng/ul 95
30) Caprolactam	11.38	113	25498	17.63	ng/ul 92
31) 4-Chloro-3-methylphenol	11.75	107	118905	18.09	ng/ul 98
32) 2-Methylnaphthalene	12.13	142	273069	18.37	ng/ul 97
34) 1,2,4,5-Tetrachlorobenzene	12.50	216	153316	19.66	ng/ul 99
35) Hexachlorocyclopentadiene	12.48	237	88404	18.99	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.75	196	88241	18.29	ng/ul	97
37) 2,4,5-Trichlorophenol	12.82	196	93293	18.04	ng/ul	95
38) 1,1'-Biphenyl	13.15	154	371446	18.89	ng/ul	99
39) 2-Chloronaphthalene	13.19	162	287772	19.12	ng/ul	98
40) 2-Nitroaniline	13.40	65	71364	18.51	ng/ul	97
42) Dimethylphthalate	13.78	163	342993	18.62	ng/ul	100
43) 2,6-Dinitrotoluene	13.90	165	62275	18.26	ng/ul	94
45) Acenaphthylene	14.04	152	459057	19.13	ng/ul	97
46) 3-Nitroaniline	14.23	138	56162	21.14	ng/ul	95
47) Acenaphthene	14.39	153	299689	18.95	ng/ul	100
48) 2,4-Dinitrophenol	14.44	184	33020	17.53	ng/ul	94
50) 4-Nitrophenol	14.55	109	57296	19.26	ng/ul	93
51) Dibenzofuran	14.72	168	437061	18.85	ng/ul	100
52) 2,4-Dinitrotoluene	14.69	165	95852	18.68	ng/ul	97
53) 2,3,4,6-Tetrachlorophenol	14.95	232	80824	18.33	ng/ul	98
54) Diethylphthalate	15.15	149	336539	18.60	ng/ul	100
56) Fluorene	15.37	166	351732	18.80	ng/ul	98
57) 4-Chlorophenyl-phenylether	15.37	204	180715	18.72	ng/ul	97
58) 4-Nitroaniline	15.40	138	62736	19.54	ng/ul	97
61) 4,6-Dinitro-2-methylphenol	15.46	198	58299	18.86	ng/ul	98
62) N-Nitrosodiphenylamine	15.59	169	292417	18.45	ng/ul	95
63) 4-Bromophenyl-phenylether	16.26	248	101188	18.45	ng/ul	97
64) Hexachlorobenzene	16.37	284	114387	18.64	ng/ul	97
65) Atrazine	16.53	200	97750	18.59	ng/ul	98
66) Pentachlorophenol	16.72	266	59576	17.80	ng/ul	98
67) Phenanthrene	17.11	178	539576	18.79	ng/ul	99
69) Anthracene	17.20	178	548492	18.85	ng/ul	99
70) 1,2,3,4-Tetrachlorobenzene	13.11	216	146071	18.81	ng/ul	97
71) Pentachlorobenzene	14.65	250	140759	18.91	ng/ul	97
72) Carbazole	17.47	167	464923	19.22	ng/ul	99
73) Di-n-butylphthalate	18.03	149	496213	18.84	ng/ul	100
74) Fluoranthene	19.13	202	578833	19.57	ng/ul	99
77) Pyrene	19.49	202	623641	17.19	ng/ul	99
78) Butylbenzylphthalate	20.40	149	199500	17.38	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.18	252	135224	20.45	ng/ul	97
80) Benzo(a)anthracene	21.24	228	523445	18.71	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	275139	18.03	ng/ul	99
82) Chrysene	21.30	228	491386	18.42	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	467628	17.75	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	470290	18.25	ng/ul	99
86) Benzo(k)fluoranthene	22.85	252	463436	18.96	ng/ul	99
88) Benzo(a)pyrene	23.37	252	444945	18.92	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.69	276	471000	19.53	ng/ul	97
90) Dibenzo(a,h)anthracene	25.70	278	399580	19.78	ng/ul	99
91) Benzo(g,h,i)perylene	26.37	276	401875	19.71	ng/ul	99

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

