

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020615\SOM01.2\
 Data File : BM000443.D
 Acq On : 06 Feb 2015 21:16
 Operator : TP/IZ
 Sample : SSTD01087
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD01087

Quant Time: Feb 09 13:43:43 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 09 13:28:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	156523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	630594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	384963	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	873404	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	911409	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	846184	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	11267	3.95	ng/uL	0.00
5) Phenol-d5	6.89	99	98938	9.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	62289	9.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	87568	9.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	82740	9.45	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	37090	9.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	41380	9.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	92011	9.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	85085	9.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	262859	9.91	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	358278	9.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	34912	7.86	ng/ul	0.00
57) Fluorene-d10	15.37	176	264809	9.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	37362	7.80	ng/ul	0.00
70) Anthracene-d10	17.22	188	393889	9.92	ng/ul	0.00
76) Pyrene-d10	19.52	212	407862	9.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	354861	9.39	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	11991	3.79	ng/uL	96
4) Benzaldehyde	6.87	77	30486	9.34	ng/ul	95
6) Phenol	6.92	94	102664	9.45	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	84967	9.89	ng/ul	97
10) 2-Chlorophenol	7.29	128	89982	9.73	ng/ul	94
11) 2-Methylphenol	8.16	108	82537	9.60	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.26	45	174778	10.20	ng/ul	98
14) Acetophenone	8.55	105	143999	10.03	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.53	70	64064	9.70	ng/ul#	93
16) 4-Methylphenol	8.49	108	87148	9.57	ng/ul	93
17) Hexachloroethane	8.80	117	40302	9.79	ng/ul	94
20) Nitrobenzene	8.93	77	102236	9.44	ng/ul	99
21) Isophorone	9.44	82	171928	9.54	ng/ul	98
23) 2-Nitrophenol	9.63	139	44334	9.18	ng/ul	91
24) 2,4-Dimethylphenol	9.69	107	111443	9.74	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.93	93	107966	9.79	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	88890	9.47	ng/ul	96
28) Naphthalene	10.56	128	315308	9.93	ng/ul	98
30) 4-Chloroaniline	10.68	127	83137	9.40	ng/ul	99
31) Hexachlorobutadiene	10.85	225	70084	9.67	ng/ul	97
32) Caprolactam	11.42	113	17208	7.70	ng/ul#	86
33) 4-Chloro-3-methylphenol	11.80	107	93479	9.50	ng/ul	88
34) 2-Methylnaphthalene	12.18	142	225523	9.88	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	123954	9.77	ng/ul	95
37) Hexachlorocyclopentadiene	12.53	237	68611	8.51	ng/ul	96
38) 2,4,6-Trichlorophenol	12.80	196	63226	9.34	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	71799	9.26	ng/ul	90
40) 1,1'-Biphenyl	13.20	154	308906	10.00	ng/ul	98
41) 2-Chloronaphthalene	13.25	162	240485	10.05	ng/ul	98
42) 2-Nitroaniline	13.45	65	48488	8.46	ng/ul	98
44) Dimethylphthalate	13.83	163	290958	9.98	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	45974	8.91	ng/ul#	89
47) Acenaphthylene	14.09	152	379617	10.04	ng/ul	99
48) 3-Nitroaniline	14.28	138	40596	8.54	ng/ul#	89
49) Acenaphthene	14.44	153	250923	10.03	ng/ul	98
50) 2,4-Dinitrophenol	14.49	184	16712	5.91	ng/ul	91
52) 4-Nitrophenol	14.59	109	43617	8.07	ng/ul	91
53) Dibenzofuran	14.77	168	369906	10.14	ng/ul	96
54) 2,4-Dinitrotoluene	14.74	165	69966	9.31	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.00	232	56894	9.08	ng/ul	96
56) Diethylphthalate	15.20	149	278444	9.74	ng/ul	98
58) Fluorene	15.42	166	295547	10.03	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.42	204	154700	10.10	ng/ul	98
60) 4-Nitroaniline	15.44	138	43252	7.80	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.50	198	40888	8.19	ng/ul#	97
64) N-Nitrosodiphenylamine	15.63	169	243244	9.76	ng/ul	97
65) 4-Bromophenyl-phenylether	16.32	248	86880	9.70	ng/ul	98
66) Hexachlorobenzene	16.43	284	98608	9.70	ng/ul	99
67) Atrazine	16.59	200	77542	9.04	ng/ul	94
68) Pentachlorophenol	16.77	266	36339	6.94	ng/ul	91
69) Phenanthrene	17.16	178	468380	9.93	ng/ul	98
71) Anthracene	17.25	178	469577	9.84	ng/ul	98
72) Carbazole	17.53	167	390033	9.52	ng/ul	98
73) Di-n-butylphthalate	18.09	149	387047	9.03	ng/ul	99
74) Fluoranthene	19.18	202	506503	9.68	ng/ul	100
77) Pyrene	19.55	202	548763	9.71	ng/ul	98
78) Butylbenzylphthalate	20.45	149	160166	8.58	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.23	252	129301	8.41	ng/ul	97
80) Benzo(a)anthracene	21.30	228	503986	9.69	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	230535	8.71	ng/ul	97
82) Chrysene	21.35	228	483673	9.75	ng/ul	98
84) Di-n-octyl phthalate	22.10	149	396749	8.07	ng/ul	100
85) Benzo(b)fluoranthene	22.88	252	488371	9.72	ng/ul	98
86) Benzo(k)fluoranthene	22.93	252	454624	9.38	ng/ul	99
88) Benzo(a)pyrene	23.46	252	454929	9.55	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.82	276	503217	9.52	ng/ul	100
90) Dibenzo(a,h)anthracene	25.83	278	418353	9.50	ng/ul	97
91) Benzo(g,h,i)perylene	26.52	276	425437	9.50	ng/ul	97

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

