

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011415\
 Data File : BM000196.D
 Acq On : 14 Jan 2015 20:14
 Operator : TP/IZ
 Sample : SSTD02030
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 LabSampleId :
 SSTD02030

Quant Time: Jan 14 22:22:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 21:49:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	132351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	538382	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	354908	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	719737	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	799795	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	775830	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	20888	9.15	ng/uL	0.00
5) Phenol-d5	6.99	99	220112	19.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	144503	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	167304	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	169498	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	72345	19.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	76114	20.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	167308	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	214493	22.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	504462	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	634181	20.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	77099	18.10	ng/ul	0.00
57) Fluorene-d10	15.46	176	446652	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	67373	19.75	ng/ul	0.00
70) Anthracene-d10	17.30	188	686120	20.62	ng/ul	0.00
76) Pyrene-d10	19.60	212	749283	20.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	736748	20.92	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	26804	8.47 ng/uL	91
4) Benzaldehyde	6.97	77	159330	20.54 ng/ul	100
6) Phenol	7.02	94	232338	19.79 ng/ul	91
8) Bis(2-Chloroethyl)ether	7.26	93	178041	19.53 ng/ul	90
10) 2-Chlorophenol	7.39	128	172677	20.21 ng/ul	95
11) 2-Methylphenol	8.26	108	170183	18.82 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.36	45	331113	22.10 ng/ul	98
14) Acetophenone	8.65	105	295853	19.01 ng/ul	94
15) N-Nitroso-di-n-propylamine	8.63	70	152412	18.83 ng/ul	93
16) 4-Methylphenol	8.59	108	183736	18.82 ng/ul	95
17) Hexachloroethane	8.90	117	82735	21.20 ng/ul	88
20) Nitrobenzene	9.03	77	246845	22.24 ng/ul	99
21) Isophorone	9.55	82	399489	18.67 ng/ul	98
23) 2-Nitrophenol	9.73	139	87575	20.87 ng/ul#	90
24) 2,4-Dimethylphenol	9.79	107	237444	20.84 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.03	93	231714	19.45 ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	164517	19.63 ng/ul	95
28) Naphthalene	10.67	128	554211	20.19 ng/ul	99
30) 4-Chloroaniline	10.78	127	222674	22.71 ng/ul	100
31) Hexachlorobutadiene	10.96	225	125227	21.08 ng/ul	96
32) Caprolactam	11.53	113	40023	14.77 ng/ul	92
33) 4-Chloro-3-methylphenol	11.90	107	196678	19.13 ng/ul	96
34) 2-Methylnaphthalene	12.28	142	398262	19.56 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.65	216	208762	21.21	ng/ul#	97
37) Hexachlorocyclopentadiene	12.63	237	133492	21.81	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	124833	19.89	ng/ul	100
39) 2,4,5-Trichlorophenol	12.96	196	134814	19.78	ng/ul	98
40) 1,1'-Biphenyl	13.30	154	529319	20.69	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	416256	21.23	ng/ul	96
42) 2-Nitroaniline	13.55	65	137016	20.51	ng/ul	97
44) Dimethylphthalate	13.92	163	516180	19.80	ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	95148	20.41	ng/ul#	84
47) Acenaphthylene	14.19	152	658807	19.93	ng/ul	99
48) 3-Nitroaniline	14.37	138	103267	20.86	ng/ul	98
49) Acenaphthene	14.53	153	431275	20.46	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	40817	17.94	ng/ul#	92
52) 4-Nitrophenol	14.66	109	113474	20.09	ng/ul	90
53) Dibenzofuran	14.86	168	613192	20.09	ng/ul	92
54) 2,4-Dinitrotoluene	14.83	165	138036	19.84	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.09	232	113491	19.30	ng/ul	96
56) Diethylphthalate	15.29	149	534063	19.49	ng/ul	97
58) Fluorene	15.51	166	503041	19.86	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	253937	20.33	ng/ul	98
60) 4-Nitroaniline	15.53	138	109378	19.73	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.59	198	69870	19.89	ng/ul#	87
64) N-Nitrosodiphenylamine	15.72	169	426668	20.44	ng/ul	97
65) 4-Bromophenyl-phenylether	16.40	248	148608	20.26	ng/ul#	81
66) Hexachlorobenzene	16.52	284	176365	20.86	ng/ul	99
67) Atrazine	16.66	200	159465	19.65	ng/ul	96
68) Pentachlorophenol	16.86	266	83411	16.38	ng/ul	87
69) Phenanthrene	17.25	178	819097	21.02	ng/ul	98
71) Anthracene	17.34	178	826154	20.62	ng/ul	100
72) Carbazole	17.61	167	743982	20.55	ng/ul	98
73) Di-n-butylphthalate	18.17	149	850815	19.77	ng/ul	99
74) Fluoranthene	19.26	202	952023	20.91	ng/ul	100
77) Pyrene	19.63	202	1001097	20.77	ng/ul	99
78) Butylbenzylphthalate	20.53	149	375879	19.19	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.31	252	310273	22.01	ng/ul	95
80) Benzo(a)anthracene	21.37	228	967291	20.95	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	540706	18.97	ng/ul	98
82) Chrysene	21.43	228	910530	21.40	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	944413	18.75	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	1005745	20.31	ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	903988	21.39	ng/ul	99
88) Benzo(a)pyrene	23.58	252	917283	21.09	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	1066977	23.52	ng/ul	97
90) Dibenzo(a,h)anthracene	26.01	278	886719	23.21	ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	903130	24.23	ng/ul	98

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

