

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011615\
 Data File : BM000230.D
 Acq On : 16 Jan 2015 12:53
 Operator : TP/IZ
 Sample : SSTD02035
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 LabSampleId :
 SSTD02035

Quant Time: Jan 16 13:48:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 12:47:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	168467	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.62	136	695146	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.46	164	448900	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.20	188	891963	20.00	ng/ul	-0.02
75) Chrysene-d12	21.40	240	941852	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	922940	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	24552	8.45	ng/uL	-0.01
5) Phenol-d5	6.99	99	286974	20.25	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	189821	21.19	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	217375	20.92	ng/ul	-0.02
13) 4-Methylphenol-d8	8.53	113	222615	19.75	ng/ul	-0.01
19) Nitrobenzene-d5	8.98	128	101239	21.06	ng/ul	-0.03
22) 2-Nitrophenol-d4	9.70	143	106893	21.78	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.23	165	217357	20.05	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.75	131	276629	22.49	ng/ul	-0.03
43) Dimethylphthalate-d6	13.87	166	650156	19.64	ng/ul	-0.02
46) Acenaphthylene-d8	14.16	160	820701	20.69	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	95288	17.68	ng/ul	-0.01
57) Fluorene-d10	15.46	176	568945	20.01	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	88990	21.05	ng/ul	-0.02
70) Anthracene-d10	17.30	188	860850	20.87	ng/ul	-0.01
76) Pyrene-d10	19.60	212	909023	20.92	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.54	264	861201	20.56	ng/ul	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	34265	8.51	ng/uL	92
4) Benzaldehyde	6.97	77	211187	21.39	ng/ul	98
6) Phenol	7.02	94	302155	20.22	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.25	93	231825	19.98	ng/ul	96
10) 2-Chlorophenol	7.39	128	223533	20.55	ng/ul	99
11) 2-Methylphenol	8.26	108	226222	19.66	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	422201	22.14	ng/ul	97
14) Acetophenone	8.65	105	383608	19.37	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	199623	19.38	ng/ul	90
16) 4-Methylphenol	8.59	108	243604	19.60	ng/ul	95
17) Hexachloroethane	8.90	117	103610	20.86	ng/ul	94
20) Nitrobenzene	9.03	77	320738	22.38	ng/ul	99
21) Isophorone	9.55	82	526536	19.06	ng/ul	99
23) 2-Nitrophenol	9.73	139	117626	21.71	ng/ul#	90
24) 2,4-Dimethylphenol	9.79	107	302572	20.57	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.03	93	302921	19.70	ng/ul#	98
27) 2,4-Dichlorophenol	10.26	162	216954	20.05	ng/ul	99
28) Naphthalene	10.67	128	707203	19.95	ng/ul	98
30) 4-Chloroaniline	10.78	127	284301	22.46	ng/ul	95
31) Hexachlorobutadiene	10.96	225	165247	21.54	ng/ul	92
32) Caprolactam	11.53	113	59633	17.04	ng/ul	93
33) 4-Chloro-3-methylphenol	11.90	107	253203	19.07	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	519854	19.78	ng/ul	99

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

36) 1,2,4,5-Tetrachlorobenzene	12.65	216	276864	22.24	ng/ul#	97
37) Hexachlorocyclopentadiene	12.63	237	177011	22.86	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	165664	20.86	ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	183858	21.32	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	680689	21.04	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	531235	21.42	ng/ul	98
42) 2-Nitroaniline	13.54	65	179966	21.30	ng/ul	92
44) Dimethylphthalate	13.92	163	652859	19.80	ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	126086	21.38	ng/ul#	86
47) Acenaphthylene	14.19	152	848672	20.29	ng/ul	99
48) 3-Nitroaniline	14.37	138	126567	20.21	ng/ul	99
49) Acenaphthene	14.53	153	541504	20.31	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	55740	19.37	ng/ul#	89
52) 4-Nitrophenol	14.67	109	145538	20.37	ng/ul	96
53) Dibenzofuran	14.86	168	774922	20.08	ng/ul	95
54) 2,4-Dinitrotoluene	14.83	165	184780	20.99	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	146090	19.64	ng/ul	98
56) Diethylphthalate	15.28	149	683384	19.72	ng/ul	98
58) Fluorene	15.51	166	640256	19.99	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.50	204	317903	20.12	ng/ul	97
60) 4-Nitroaniline	15.53	138	136345	19.44	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	94619	21.73	ng/ul	97
64) N-Nitrosodiphenylamine	15.72	169	538494	20.82	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	192183	21.14	ng/ul#	89
66) Hexachlorobenzene	16.52	284	219592	20.96	ng/ul	97
67) Atrazine	16.66	200	202085	20.09	ng/ul	98
68) Pentachlorophenol	16.86	266	110959	17.58	ng/ul	97
69) Phenanthrene	17.25	178	1009158	20.90	ng/ul	100
71) Anthracene	17.34	178	1032444	20.80	ng/ul	99
72) Carbazole	17.61	167	912068	20.33	ng/ul	99
73) Di-n-butylphthalate	18.17	149	1080610	20.26	ng/ul	99
74) Fluoranthene	19.26	202	1132049	20.06	ng/ul	99
77) Pyrene	19.63	202	1203705	21.21	ng/ul	98
78) Butylbenzylphthalate	20.53	149	471256	20.43	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.32	252	373239	22.48	ng/ul	97
80) Benzo(a)anthracene	21.38	228	1138255	20.93	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	682759	20.34	ng/ul	99
82) Chrysene	21.43	228	1061462	21.18	ng/ul	100
84) Di-n-octyl phthalate	22.20	149	1183245	19.75	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	1119237	19.00	ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	1115337	22.18	ng/ul	99
88) Benzo(a)pyrene	23.59	252	1077784	20.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.01	276	1232189	22.83	ng/ul	98
90) Dibenzo(a,h)anthracene	26.03	278	1046994	23.04	ng/ul	97
91) Benzo(g,h,i)perylene	26.73	276	1038176	23.41	ng/ul	99

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

