

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011315\
 Data File : BM000165.D
 Acq On : 13 Jan 2015 12:42
 Operator : TP/IZ
 Sample : SSTD0.2026
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02026

Quant Time: Jan 14 12:51:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 12:39:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	129737	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.62	136	521455	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.47	164	353389	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	715379	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	796043	20.00	ng/ul	-0.02
83) Perylene-d12	23.69	264	775440	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	20014	8.94	ng/uL	-0.01
5) Phenol-d5	6.99	99	217201	19.90	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	142144	20.60	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	160187	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	164358	18.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	75207	20.86	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	75818	20.60	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.24	165	162152	19.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	205214	22.24	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	502314	19.27	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	635531	20.35	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	68005	16.03	ng/ul	-0.01
57) Fluorene-d10	15.46	176	449139	20.07	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	65206	19.23	ng/ul	-0.02
70) Anthracene-d10	17.31	188	688292	20.81	ng/ul	0.00
76) Pyrene-d10	19.60	212	746558	20.33	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.54	264	735127	20.89	ng/ul	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	24844	8.01	ng/uL	89
4) Benzaldehyde	6.98	77	161295	21.21	ng/ul	97
6) Phenol	7.02	94	229735	19.96	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.26	93	171996	19.25	ng/ul	92
10) 2-Chlorophenol	7.39	128	166148	19.84	ng/ul	98
11) 2-Methylphenol	8.26	108	170432	19.23	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.36	45	306602	20.88	ng/ul	99
14) Acetophenone	8.65	105	292325	19.16	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.63	70	148634	18.73	ng/ul	90
16) 4-Methylphenol	8.59	108	180705	18.88	ng/ul	100
17) Hexachloroethane	8.91	117	81606	21.33	ng/ul#	87
20) Nitrobenzene	9.03	77	242727	22.58	ng/ul	98
21) Isophorone	9.55	82	401804	19.39	ng/ul	99
23) 2-Nitrophenol	9.73	139	83425	20.52	ng/ul	95
24) 2,4-Dimethylphenol	9.79	107	228804	20.74	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	221657	19.21	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	162373	20.01	ng/ul	96
28) Naphthalene	10.67	128	543770	20.45	ng/ul	98
30) 4-Chloroaniline	10.78	127	222780	23.46	ng/ul	92
31) Hexachlorobutadiene	10.96	225	123345	21.44	ng/ul	96
32) Caprolactam	11.53	113	44238	16.85	ng/ul	83
33) 4-Chloro-3-methylphenol	11.90	107	194167	19.50	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	399848	20.28	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	212143	21.65	ng/ul#	96
37) Hexachlorocyclopentadiene	12.63	237	128212	21.04	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.89	196	123961	19.83	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	135677	19.99	ng/ul	93
40) 1,1'-Biphenyl	13.30	154	523860	20.57	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	415689	21.29	ng/ul	100
42) 2-Nitroaniline	13.55	65	133480	20.06	ng/ul	96
44) Dimethylphthalate	13.92	163	512922	19.76	ng/ul	98
45) 2,6-Dinitrotoluene	14.04	165	94236	20.30	ng/ul#	82
47) Acenaphthylene	14.19	152	659399	20.03	ng/ul	99
48) 3-Nitroaniline	14.37	138	98828	20.05	ng/ul	100
49) Acenaphthene	14.53	153	424028	20.21	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	35436	15.64	ng/ul	93
52) 4-Nitrophenol	14.67	109	106815	18.99	ng/ul	97
53) Dibenzofuran	14.86	168	615048	20.24	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	142061	20.50	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	113614	19.41	ng/ul	98
56) Diethylphthalate	15.29	149	535097	19.61	ng/ul	99
58) Fluorene	15.52	166	513345	20.36	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	253339	20.37	ng/ul	99
60) 4-Nitroaniline	15.53	138	103725	18.79	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	67335	19.28	ng/ul#	91
64) N-Nitrosodiphenylamine	15.72	169	426433	20.55	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	152156	20.87	ng/ul#	87
66) Hexachlorobenzene	16.52	284	176705	21.02	ng/ul	99
67) Atrazine	16.67	200	161608	20.04	ng/ul	99
68) Pentachlorophenol	16.86	266	83052	16.41	ng/ul	100
69) Phenanthrene	17.25	178	810974	20.94	ng/ul	98
71) Anthracene	17.34	178	828839	20.82	ng/ul	99
72) Carbazole	17.61	167	738768	20.53	ng/ul	98
73) Di-n-butylphthalate	18.17	149	857309	20.04	ng/ul	98
74) Fluoranthene	19.27	202	935706	20.67	ng/ul	99
77) Pyrene	19.63	202	986317	20.56	ng/ul	100
78) Butylbenzylphthalate	20.53	149	378870	19.43	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.32	252	304063	21.67	ng/ul	99
80) Benzo(a)anthracene	21.38	228	957682	20.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	555432	19.57	ng/ul	99
82) Chrysene	21.43	228	905793	21.39	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	973481	19.34	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	962262	19.45	ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	926560	21.93	ng/ul#	99
88) Benzo(a)pyrene	23.59	252	920165	21.17	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.01	276	1038105	22.89	ng/ul	97
90) Dibenzo(a,h)anthracene	26.02	278	862885	22.60	ng/ul	96
91) Benzo(g,h,i)perylene	26.72	276	880609	23.64	ng/ul	98

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

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