

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013313.D
 Acq On : 11 Dec 2017 20:36
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02027

Quant Time: Dec 12 10:12:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 30 14:36:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	174923	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.47	136	739618	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.33	164	473235	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.08	188	1148274	20.00	ng/ul	-0.01
75) Chrysene-d12	21.27	240	1292973	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1165091	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	27033	7.65	ng/uL	0.00
5) Phenol-d5	6.87	99	282018	18.63	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.03	67	158882	18.41	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.22	132	223576	18.90	ng/ul	-0.02
13) 4-Methylphenol-d8	8.40	113	240794	18.62	ng/ul	-0.02
19) Nitrobenzene-d5	8.84	128	117497	20.03	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.56	143	127458	20.30	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.09	165	255951	19.79	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.61	131	289563	24.36	ng/ul	-0.01
43) Dimethylphthalate-d6	13.74	166	807536	19.18	ng/ul	-0.01
46) Acenaphthylene-d8	14.02	160	1005031	19.34	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.54	143	131324	17.95	ng/ul	-0.01
57) Fluorene-d10	15.33	176	688819	19.02	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.45	200	129345	17.91	ng/ul	-0.01
70) Anthracene-d10	17.17	188	1148953	19.98	ng/ul	-0.01
76) Pyrene-d10	19.47	212	1306123	20.28	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.35	264	1163113	19.60	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	30593	7.716	ng/uL#	60
4) Benzaldehyde	6.84	77	155021	20.701	ng/ul	95
6) Phenol	6.89	94	273799	18.301	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.12	93	215327	18.824	ng/ul	98
10) 2-Chlorophenol	7.26	128	224464	19.356	ng/ul	96
11) 2-Methylphenol	8.13	108	210023	18.150	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.21	45	232293	19.340	ng/ul#	81
14) Acetophenone	8.51	105	362584	18.440	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.49	70	183781	18.556	ng/ul#	71
16) 4-Methylphenol	8.46	108	228128	18.436	ng/ul	94
17) Hexachloroethane	8.76	117	101494	20.103	ng/ul#	79
20) Nitrobenzene	8.89	77	285422	19.317	ng/ul	95
21) Isophorone	9.40	82	503394	19.362	ng/ul#	94
23) 2-Nitrophenol	9.59	139	132875	20.417	ng/ul#	78
24) 2,4-Dimethylphenol	9.65	107	274883	19.366	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.89	93	298062	19.589	ng/ul	95
27) 2,4-Dichlorophenol	10.12	162	241644	20.223	ng/ul#	89
28) Naphthalene	10.52	128	750469	19.722	ng/ul	100
30) 4-Chloroaniline	10.63	127	278032	24.155	ng/ul	91
31) Hexachlorobutadiene	10.80	225	166607	19.249	ng/ul	92
32) Caprolactam	11.40	113	77294	20.240	ng/ul#	34
33) 4-Chloro-3-methylphenol	11.76	107	255853	19.519	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	558078	19.510	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	320811	18.787	ng/ul	95
37) Hexachlorocyclopentadiene	12.48	237	183624	16.338	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	203609	19.126	ng/ul	94
39) 2,4,5-Trichlorophenol	12.83	196	215634	19.069	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	760479	19.014	ng/ul	97
41) 2-Chloronaphthalene	13.20	162	604740	19.273	ng/ul	98
42) 2-Nitroaniline	13.41	65	176571	19.207	ng/ul	92
44) Dimethylphthalate	13.79	163	770966	19.141	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	158093	19.245	ng/ul	96
47) Acenaphthylene	14.05	152	931726	19.374	ng/ul	98
48) 3-Nitroaniline	14.24	138	148279	20.194	ng/ul	92
49) Acenaphthene	14.39	153	629111	19.203	ng/ul	100
50) 2,4-Dinitrophenol	14.45	184	81033	17.826	ng/ul	91
52) 4-Nitrophenol	14.56	109	138333	19.272	ng/ul#	79
53) Dibenzofuran	14.73	168	926343	19.154	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	234563	19.629	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.96	232	209678	20.223	ng/ul	95
56) Diethylphthalate	15.16	149	778518	19.272	ng/ul	95
58) Fluorene	15.38	166	758364	18.955	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	411831	18.965	ng/ul	96
60) 4-Nitroaniline	15.41	138	169570	19.574	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.47	198	139437	19.316	ng/ul#	92
64) N-Nitrosodiphenylamine	15.60	169	669534	19.794	ng/ul	94
65) 4-Bromophenyl-phenylether	16.27	248	265929	19.701	ng/ul	97
66) Hexachlorobenzene	16.38	284	282240	18.960	ng/ul#	89
67) Atrazine	16.55	200	260879	20.895	ng/ul	94
68) Pentachlorophenol	16.73	266	163933	19.041	ng/ul	97
69) Phenanthrene	17.12	178	1273303	19.519	ng/ul	98
71) Anthracene	17.21	178	1300709	19.506	ng/ul	99
72) Carbazole	17.49	167	1107392	19.308	ng/ul	100
73) Di-n-butylphthalate	18.05	149	1380482	20.618	ng/ul	98
74) Fluoranthene	19.14	202	1563312	19.555	ng/ul#	93
77) Pyrene	19.50	202	1581667	20.135	ng/ul#	94
78) Butylbenzylphthalate	20.41	149	645410	21.029	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.19	252	521241	19.177	ng/ul	96
80) Benzo(a)anthracene	21.25	228	1617192	19.713	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	954275	20.628	ng/ul#	99
82) Chrysene	21.30	228	1474170	19.369	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1556311	18.785	ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	1487075	18.934	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	1456370	19.704	ng/ul#	99
88) Benzo(a)pyrene	23.40	252	1366547	19.369	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	1450007	20.713	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.74	278	1214598	20.376	ng/ul#	97
91) Benzo(g,h,i)perylene	26.40	276	1158477	20.980	ng/ul#	96

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