

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013377.D
 Acq On : 13 Dec 2017 17:12
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02034

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:34:02 PM

Quant Time: Dec 14 01:12:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:11:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	144720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	639424	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	410658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1052419	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1178925	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	994306	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	22847	7.82	ng/uL	0.00
5) Phenol-d5	6.86	99	234516	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	136889	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	190516	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	199112	18.61	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	98905	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	108051	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	221376	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	252529	24.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	686857	18.80	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	878331	19.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	119216	18.78	ng/ul	0.00
57) Fluorene-d10	15.32	176	619102	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	106972	16.16	ng/ul	0.00
70) Anthracene-d10	17.17	188	1034593	19.63	ng/ul	0.00
76) Pyrene-d10	19.47	212	1195601	20.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1005148	19.85	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	25166m	7.671	ng/uL
4) Benzaldehyde	6.83	77	130034	20.988	ng/ul
6) Phenol	6.89	94	233528	18.867	ng/ul#
8) Bis(2-Chloroethyl)ether	7.12	93	178373	18.847	ng/ul
10) 2-Chlorophenol	7.25	128	188306	19.627	ng/ul
11) 2-Methylphenol	8.13	108	174270	18.204	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.21	45	189344	19.054	ng/ul#
14) Acetophenone	8.50	105	304115	18.695	ng/ul
15) N-Nitroso-di-n-propylamine	8.49	70	148917	18.173	ng/ul#
16) 4-Methylphenol	8.45	108	187851	18.349	ng/ul
17) Hexachloroethane	8.75	117	84632	20.261	ng/ul
20) Nitrobenzene	8.88	77	238983	18.709	ng/ul
21) Isophorone	9.40	82	421835	18.767	ng/ul
23) 2-Nitrophenol	9.59	139	110768	19.687	ng/ul#
24) 2,4-Dimethylphenol	9.65	107	222670	18.146	ng/ul#
25) Bis(2-Chloroethoxy)methane	9.89	93	248231	18.870	ng/ul#
27) 2,4-Dichlorophenol	10.12	162	198456	19.211	ng/ul#
28) Naphthalene	10.51	128	631767	19.204	ng/ul
30) 4-Chloroaniline	10.63	127	239420	24.060	ng/ul
31) Hexachlorobutadiene	10.79	225	147662	19.734	ng/ul
32) Caprolactam	11.40	113	63606	19.266	ng/ul#
33) 4-Chloro-3-methylphenol	11.76	107	216967	19.146	ng/ul
34) 2-Methylnaphthalene	12.13	142	481556	19.473	ng/ul

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36) 1,2,4,5-Tetrachlorobenzene	12.50	216	284720	19.214	ng/ul	98
37) Hexachlorocyclopentadiene	12.48	237	152002	15.585	ng/ul	95
38) 2,4,6-Trichlorophenol	12.75	196	182677	19.774	ng/ul	93
39) 2,4,5-Trichlorophenol	12.82	196	185164	18.870	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	660596	19.034	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	526283	19.328	ng/ul	99
42) 2-Nitroaniline	13.40	65	150351	18.847	ng/ul	98
44) Dimethylphthalate	13.79	163	666622	19.073	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	135370	18.990	ng/ul	96
47) Acenaphthylene	14.05	152	806832	19.334	ng/ul	99
48) 3-Nitroaniline	14.24	138	133048	20.881	ng/ul	90
49) Acenaphthene	14.39	153	544104	19.139	ng/ul	97
50) 2,4-Dinitrophenol	14.45	184	52826	13.391	ng/ul	90
52) 4-Nitrophenol	14.56	109	110850	17.796	ng/ul#	80
53) Dibenzofuran	14.73	168	822704	19.603	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	204752	19.745	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.96	232	183405	20.384	ng/ul	91
56) Diethylphthalate	15.16	149	686356	19.579	ng/ul	95
58) Fluorene	15.38	166	676450	19.484	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	363336	19.281	ng/ul	97
60) 4-Nitroaniline	15.40	138	149300	19.860	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.47	198	107654	16.272	ng/ul	94
64) N-Nitrosodiphenylamine	15.59	169	586419	18.916	ng/ul	96
65) 4-Bromophenyl-phenylether	16.27	248	234138	18.925	ng/ul	93
66) Hexachlorobenzene	16.38	284	260249	19.075	ng/ul	97
67) Atrazine	16.55	200	230171	20.115	ng/ul	94
68) Pentachlorophenol	16.73	266	131748	16.696	ng/ul	98
69) Phenanthrene	17.12	178	1151366	19.257	ng/ul	99
71) Anthracene	17.21	178	1186709	19.418	ng/ul	98
72) Carbazole	17.48	167	1005058	19.119	ng/ul	99
73) Di-n-butylphthalate	18.05	149	1209108	19.703	ng/ul	100
74) Fluoranthene	19.14	202	1435586	19.593	ng/ul#	94
77) Pyrene	19.50	202	1457645	20.352	ng/ul#	93
78) Butylbenzylphthalate	20.41	149	589287	21.058	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.19	252	431585	17.415	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	1439115	19.240	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	857063	20.319	ng/ul	99
82) Chrysene	21.30	228	1338882	19.294	ng/ul	98
84) Di-n-octyl phthalate	22.06	149	1392393	19.693	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1281911	19.125	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1284483	20.364	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	1188243	19.735	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.73	276	1213854	20.318	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.74	278	1036516	20.376	ng/ul#	95
91) Benzo(g,h,i)perylene	26.41	276	994852	21.111	ng/ul#	95

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

