

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013332.D
 Acq On : 12 Dec 2017 07:52
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02029

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:57:38 PM

Quant Time: Dec 12 11:19:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 10:58:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	178076	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	791940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	502058	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1248067	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1324751	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1084506	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24350	6.77	ng/uL	0.00
5) Phenol-d5	6.87	99	299809	19.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	168450	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	241280	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	257044	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	129204	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	138653	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	272425	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	314222	24.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	871878	19.52	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1085867	19.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	153016	19.71	ng/ul	0.00
57) Fluorene-d10	15.33	176	746170	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	137392	17.50	ng/ul	0.00
70) Anthracene-d10	17.18	188	1232415	19.72	ng/ul	0.00
76) Pyrene-d10	19.47	212	1399592	21.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1102027	19.95	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	26925	6.670	ng/uL# 68
4) Benzaldehyde	6.84	77	157038	20.599	ng/ul 93
6) Phenol	6.89	94	299471	19.662	ng/ul# 81
8) Bis(2-Chloroethyl)ether	7.12	93	217917	18.713	ng/ul 96
10) 2-Chlorophenol	7.26	128	235675	19.963	ng/ul 93
11) 2-Methylphenol	8.13	108	226239	19.206	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	241550	19.754	ng/ul# 83
14) Acetophenone	8.51	105	382488	19.108	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.49	70	197248	19.563	ng/ul# 65
16) 4-Methylphenol	8.46	108	244645	19.421	ng/ul 94
17) Hexachloroethane	8.75	117	100947	19.640	ng/ul# 77
20) Nitrobenzene	8.88	77	294964	18.644	ng/ul 96
21) Isophorone	9.40	82	545529	19.596	ng/ul# 94
23) 2-Nitrophenol	9.59	139	144063	20.674	ng/ul# 83
24) 2,4-Dimethylphenol	9.65	107	296583	19.514	ng/ul# 86
25) Bis(2-Chloroethoxy)methane	9.89	93	319393	19.604	ng/ul 96
27) 2,4-Dichlorophenol	10.12	162	251863	19.686	ng/ul# 88
28) Naphthalene	10.52	128	792449	19.449	ng/ul 99
30) 4-Chloroaniline	10.63	127	311483	25.273	ng/ul 95
31) Hexachlorobutadiene	10.80	225	178669	19.279	ng/ul 96
32) Caprolactam	11.40	113	86554m	21.167	ng/ul
33) 4-Chloro-3-methylphenol	11.76	107	279545	19.918	ng/ul 92
34) 2-Methylnaphthalene	12.13	142	588558	19.216	ng/ul 99

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36) 1,2,4,5-Tetrachlorobenzene	12.50	216	347821	19.200	ng/ul#	98
37) Hexachlorocyclopentadiene	12.48	237	139251	11.678	ng/ul	94
38) 2,4,6-Trichlorophenol	12.76	196	222078	19.663	ng/ul	96
39) 2,4,5-Trichlorophenol	12.83	196	240412	20.039	ng/ul	97
40) 1,1'-Biphenyl	13.16	154	817243	19.260	ng/ul	96
41) 2-Chloronaphthalene	13.20	162	638947	19.194	ng/ul	98
42) 2-Nitroaniline	13.41	65	197109	20.210	ng/ul	96
44) Dimethylphthalate	13.79	163	817352	19.128	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	173681	19.929	ng/ul	98
47) Acenaphthylene	14.05	152	1010016	19.796	ng/ul	99
48) 3-Nitroaniline	14.24	138	173834	22.315	ng/ul#	86
49) Acenaphthene	14.39	153	677625	19.497	ng/ul	100
50) 2,4-Dinitrophenol	14.45	184	79694	16.525	ng/ul#	90
52) 4-Nitrophenol	14.56	109	149498	19.632	ng/ul#	83
53) Dibenzofuran	14.73	168	987520	19.247	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	255439	20.149	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.96	232	229189	20.836	ng/ul	94
56) Diethylphthalate	15.16	149	837593	19.544	ng/ul	95
58) Fluorene	15.38	166	817196	19.252	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	434822	18.874	ng/ul	98
60) 4-Nitroaniline	15.41	138	190714	20.751	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.47	198	138275	17.624	ng/ul	94
64) N-Nitrosodiphenylamine	15.60	169	712494	19.380	ng/ul	98
65) 4-Bromophenyl-phenylether	16.27	248	279124	19.025	ng/ul	96
66) Hexachlorobenzene	16.39	284	300564	18.577	ng/ul#	92
67) Atrazine	16.55	200	280458	20.667	ng/ul	94
68) Pentachlorophenol	16.73	266	179221	19.152	ng/ul	95
69) Phenanthrene	17.12	178	1377557	19.428	ng/ul	99
71) Anthracene	17.21	178	1395108	19.249	ng/ul	99
72) Carbazole	17.49	167	1221968	19.602	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1485106	20.407	ng/ul	98
74) Fluoranthene	19.14	202	1694123	19.497	ng/ul#	92
77) Pyrene	19.50	202	1687259	20.964	ng/ul#	90
78) Butylbenzylphthalate	20.42	149	707732	22.506	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.19	252	499544	17.938	ng/ul	98
80) Benzo(a)anthracene	21.26	228	1644780	19.569	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	1003882	21.180	ng/ul#	96
82) Chrysene	21.30	228	1527167	19.584	ng/ul	98
84) Di-n-octyl phthalate	22.07	149	1626421	21.090	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1450336	19.838	ng/ul#	96
86) Benzo(k)fluoranthene	22.87	252	1366464	19.862	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1292443	19.680	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.74	276	1314787	20.177	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.74	278	1105190	19.919	ng/ul#	95
91) Benzo(g,h,i)perylene	26.41	276	1051511	20.458	ng/ul#	96

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

