

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012106.D
 Acq On : 12 Oct 2017 19:02
 Operator : SJ/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV49

Quant Time: Oct 13 02:53:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 19:20:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	220165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	961100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	592046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1370956	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1448422	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1359657	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	35377	7.64	ng/uL	0.00
5) Phenol-d5	7.00	99	339593	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	206342	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	294608	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	302583	19.67	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	140336	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	165900	19.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	321317	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	279231	18.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1030726	19.70	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1232708	19.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	151224	19.22	ng/ul	0.00
57) Fluorene-d10	15.47	176	851130	19.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	174737	18.57	ng/ul	0.00
70) Anthracene-d10	17.33	188	1334098	19.68	ng/ul	0.00
76) Pyrene-d10	19.62	212	1469120	19.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1280728	19.54	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	35953	7.61	ng/uL#	71
4) Benzaldehyde	6.98	77	232264	19.46	ng/ul	90
6) Phenol	7.03	94	350951	19.00	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.26	93	270709	19.24	ng/ul	96
10) 2-Chlorophenol	7.39	128	300937	19.46	ng/ul	99
11) 2-Methylphenol	8.28	108	271051	19.52	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.37	45	349918	19.58	ng/ul#	89
14) Acetophenone	8.66	105	462442	19.78	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.65	70	252287	20.14	ng/ul#	69
16) 4-Methylphenol	8.60	108	302072	19.74	ng/ul	92
17) Hexachloroethane	8.91	117	124297	19.05	ng/ul	83
20) Nitrobenzene	9.05	77	352502	19.34	ng/ul	92
21) Isophorone	9.57	82	671208	19.72	ng/ul#	93
23) 2-Nitrophenol	9.76	139	180718	19.66	ng/ul#	74
24) 2,4-Dimethylphenol	9.81	107	357936	19.33	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.05	93	390926	19.58	ng/ul	96
27) 2,4-Dichlorophenol	10.29	162	311029	19.30	ng/ul#	89
28) Naphthalene	10.69	128	957086	19.25	ng/ul	99
30) 4-Chloroaniline	10.80	127	282612	18.77	ng/ul	94
31) Hexachlorobutadiene	10.96	225	229266	19.19	ng/ul	97
32) Caprolactam	11.59	113	104612	20.56	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.93	107	334813	19.83	ng/ul	96
34) 2-Methylnaphthalene	12.30	142	728321	19.41	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.67	216	408049	18.99	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	150679	15.73	ng/ul	95
38) 2,4,6-Trichlorophenol	12.92	196	277629	19.48	ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	279412	19.05	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	969108	19.40	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	761583	19.43	ng/ul	98
42) 2-Nitroaniline	13.57	65	213759	19.60	ng/ul	93
44) Dimethylphthalate	13.94	163	1021645	19.49	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	205296	19.73	ng/ul	90
47) Acenaphthylene	14.21	152	1217551	19.58	ng/ul	100
48) 3-Nitroaniline	14.40	138	149389	18.45	ng/ul	87
49) Acenaphthene	14.54	153	818110	19.53	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	102247	17.30	ng/ul	95
52) 4-Nitrophenol	14.71	109	131572	18.61	ng/ul#	80
53) Dibenzofuran	14.88	168	1183510	19.62	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	301258	19.98	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.11	232	263754	19.65	ng/ul#	86
56) Diethylphthalate	15.30	149	1057342	18.66	ng/ul	95
58) Fluorene	15.53	166	971250	19.39	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	513304	19.50	ng/ul	95
60) 4-Nitroaniline	15.56	138	199004	19.91	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.63	198	187064	18.83	ng/ul#	90
64) N-Nitrosodiphenylamine	15.74	169	843642	19.66	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	322358	19.64	ng/ul	95
66) Hexachlorobenzene	16.54	284	363133	19.53	ng/ul#	94
67) Atrazine	16.69	200	343321	19.13	ng/ul	95
68) Pentachlorophenol	16.88	266	193207	18.63	ng/ul	98
69) Phenanthrene	17.27	178	1522425	19.52	ng/ul	99
71) Anthracene	17.36	178	1576289	19.52	ng/ul	98
72) Carbazole	17.63	167	1306960	19.13	ng/ul	99
73) Di-n-butylphthalate	18.19	149	1802174	19.00	ng/ul#	98
74) Fluoranthene	19.29	202	1816567	19.30	ng/ul#	89
77) Pyrene	19.65	202	1886127	19.72	ng/ul#	89
78) Butylbenzylphthalate	20.53	149	818613	19.22	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	534448	18.54	ng/ul#	94
80) Benzo(a)anthracene	21.39	228	1791142	19.00	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1186538	18.57	ng/ul#	97
82) Chrysene	21.44	228	1667251	18.84	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1978522	19.90	ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	1734328	19.55	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	1693921	19.81	ng/ul#	97
88) Benzo(a)pyrene	23.62	252	1630895	19.50	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	1688107	19.01	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.10	278	1422003	19.05	ng/ul#	95
91) Benzo(g,h,i)perylene	26.83	276	1399524	19.24	ng/ul#	94

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

