

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012104.D
 Acq On : 12 Oct 2017 17:45
 Operator : SJ/JU
 Sample : SSTD08047
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08047

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:36:11 PM

Quant Time: Oct 12 18:46:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:32:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	229764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	969765	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	573515	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1313439	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1416342	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1296059	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	143574	29.55	ng/uL	0.00
5) Phenol-d5	7.00	99	1537036	77.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	890501	76.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	1297471	81.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	1311440	76.74	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	614289	88.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	737296	94.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	1376512	87.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	1358486	79.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	4014059	80.76	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	4994178	85.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	673016	77.50	ng/ul	0.00
57) Fluorene-d10	15.48	176	3356111	76.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	772927	87.46	ng/ul	0.01
70) Anthracene-d10	17.33	188	5226190	80.75	ng/ul	0.00
76) Pyrene-d10	19.63	212	5836251	91.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	5085902	81.57	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	147179	29.82	ng/uL#	68
4) Benzaldehyde	6.97	77	980552	99.54	ng/ul	92
6) Phenol	7.03	94	1569784	80.25	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.26	93	1171930	79.79	ng/ul	96
10) 2-Chlorophenol	7.40	128	1314897	84.85	ng/ul	98
11) 2-Methylphenol	8.28	108	1187200	79.80	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	1472552	78.39	ng/ul#	88
14) Acetophenone	8.67	105	1978906	79.14	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.66	70	1053066	82.30	ng/ul#	70
16) 4-Methylphenol	8.62	108	1297374	77.91	ng/ul	93
17) Hexachloroethane	8.91	117	547199	88.01	ng/ul	81
20) Nitrobenzene	9.05	77	1508721	90.43	ng/ul	92
21) Isophorone	9.58	82	2761050	88.75	ng/ul#	93
23) 2-Nitrophenol	9.76	139	785877	96.13	ng/ul#	76
24) 2,4-Dimethylphenol	9.82	107	1516475	86.49	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.05	93	1618129	84.70	ng/ul	96
27) 2,4-Dichlorophenol	10.29	162	1346807	88.79	ng/ul#	90
28) Naphthalene	10.69	128	3986192	81.94	ng/ul	99
30) 4-Chloroaniline	10.80	127	1358714	80.73	ng/ul	94
31) Hexachlorobutadiene	10.96	225	959895	86.25	ng/ul	95
32) Caprolactam	11.62	113	421509m	84.75	ng/ul	
33) 4-Chloro-3-methylphenol	11.94	107	1388549	84.21	ng/ul	95
34) 2-Methylnaphthalene	12.30	142	3019258	81.39	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	1708782	87.83	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	858025	75.77	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	1159559	93.84	ng/ul	96
39) 2,4,5-Trichlorophenol	13.00	196	1194327	91.83	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	3914348	85.37	ng/ul	98
41) 2-Chloronaphthalene	13.36	162	3071012	85.59	ng/ul	98
42) 2-Nitroaniline	13.57	65	922421	101.27	ng/ul	91
44) Dimethylphthalate	13.94	163	4011847	83.90	ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	868003	96.27	ng/ul	90
47) Acenaphthylene	14.21	152	4849296	85.62	ng/ul	99
48) 3-Nitroaniline	14.40	138	698477	83.40	ng/ul	87
49) Acenaphthene	14.55	153	3255884	83.08	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	545014	91.47	ng/ul	96
52) 4-Nitrophenol	14.72	109	595251	85.77	ng/ul	80
53) Dibenzofuran	14.89	168	4660283	81.93	ng/ul	99
54) 2,4-Dinitrotoluene	14.87	165	1245855	93.46	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.12	232	1082963	85.27	ng/ul#	89
56) Diethylphthalate	15.30	149	4122699	84.94	ng/ul	96
58) Fluorene	15.54	166	3937194	82.89	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	2100010	83.60	ng/ul	98
60) 4-Nitroaniline	15.57	138	847173	86.83	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.63	198	813698	90.12	ng/ul#	91
64) N-Nitrosodiphenylamine	15.74	169	3312104	87.29	ng/ul	100
65) 4-Bromophenyl-phenylether	16.42	248	1302693	88.54	ng/ul	98
66) Hexachlorobenzene	16.54	284	1429540	86.91	ng/ul#	90
67) Atrazine	16.70	200	1377331	91.69	ng/ul	93
68) Pentachlorophenol	16.89	266	835249	80.72	ng/ul	98
69) Phenanthrene	17.27	178	5965300	82.57	ng/ul	99
71) Anthracene	17.37	178	6229283	84.74	ng/ul	98
72) Carbazole	17.64	167	5298555	83.21	ng/ul	98
73) Di-n-butylphthalate	18.19	149	7069373	92.65	ng/ul#	97
74) Fluoranthene	19.29	202	7195280	81.62	ng/ul#	90
77) Pyrene	19.66	202	7390402	94.11	ng/ul#	88
78) Butylbenzylphthalate	20.54	149	3275006	106.46	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.33	252	2326730	88.24	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	7166182	88.32	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.30	149	4722735	103.19	ng/ul#	99
82) Chrysene	21.45	228	6584065	85.40	ng/ul	98
84) Di-n-octyl phthalate	22.20	149	7800254	103.02	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	6783187	86.10	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	6697694	85.16	ng/ul#	96
88) Benzo(a)pyrene	23.63	252	6437886	85.05	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.11	276	6909427	85.30	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.12	278	5881323	88.36	ng/ul#	95
91) Benzo(g,h,i)perylene	26.84	276	5517014	82.33	ng/ul#	94

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

