

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012450.D
 Acq On : 25 Oct 2017 18:46
 Operator : SJ/JU
 Sample : SSTDC00020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

Quant Time: Oct 26 01:14:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	452260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1968601	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1343910	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	3301555	20.00	ng/ul	0.01
75) Chrysene-d12	21.42	240	3505121	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3125107	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	67509	7.62	ng/uL	0.00
5) Phenol-d5	7.05	99	710321	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	423144	18.87	ng/ul	0.01
9) 2-Chlorophenol-d4	7.42	132	563200	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	616210	19.08	ng/ul	0.01
19) Nitrobenzene-d5	9.04	128	275606	22.35	ng/ul	0.01
22) 2-Nitrophenol-d4	9.76	143	322196	25.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	673005	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	775066	21.85	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	2193676	18.68	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2593846	18.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	354012	20.28	ng/ul	0.02
57) Fluorene-d10	15.50	176	1813702	18.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	326079	20.41	ng/ul	0.02
70) Anthracene-d10	17.35	188	2946362	18.73	ng/ul	0.00
76) Pyrene-d10	19.64	212	3260135	20.27	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	2777010	18.70	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.40	88	70969	7.506	ng/uL#	67
4) Benzaldehyde	7.02	77	494830	24.087	ng/ul	97
6) Phenol	7.08	94	735442	18.696	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.30	93	554303	19.161	ng/ul	97
10) 2-Chlorophenol	7.45	128	572128	19.757	ng/ul	98
11) 2-Methylphenol	8.33	108	550558	18.562	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.42	45	606029	19.066	ng/ul#	80
14) Acetophenone	8.70	105	963128	18.984	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.69	70	535112	19.327	ng/ul#	65
16) 4-Methylphenol	8.65	108	621923	19.158	ng/ul	93
17) Hexachloroethane	8.96	117	233345	19.015	ng/ul	90
20) Nitrobenzene	9.08	77	742607	20.909	ng/ul	98
21) Isophorone	9.61	82	1451035	19.306	ng/ul	96
23) 2-Nitrophenol	9.79	139	347465	24.620	ng/ul#	80
24) 2,4-Dimethylphenol	9.85	107	758536	19.104	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.09	93	813563	19.261	ng/ul	95
27) 2,4-Dichlorophenol	10.33	162	649064	19.774	ng/ul#	91
28) Naphthalene	10.73	128	1844747	18.899	ng/ul	99
30) 4-Chloroaniline	10.83	127	772616	21.625	ng/ul	93
31) Hexachlorobutadiene	11.02	225	475330	18.875	ng/ul	94
32) Caprolactam	11.61	113	222723	20.951	ng/ul#	42
33) 4-Chloro-3-methylphenol	11.96	107	719230	19.503	ng/ul	98
34) 2-Methylnaphthalene	12.33	142	1470900	18.556	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	899497	18.900	ng/ul	99
37) Hexachlorocyclopentadiene	12.69	237	497165	16.177	ng/ul	99
38) 2,4,6-Trichlorophenol	12.94	196	608345	21.347	ng/ul	97
39) 2,4,5-Trichlorophenol	13.02	196	641100	21.224	ng/ul	97
40) 1,1'-Biphenyl	13.34	154	2020984	18.849	ng/ul	99
41) 2-Chloronaphthalene	13.39	162	1591683	18.925	ng/ul	100
42) 2-Nitroaniline	13.59	65	486960	24.896	ng/ul	99
44) Dimethylphthalate	13.97	163	2174719	18.726	ng/ul	100
45) 2,6-Dinitrotoluene	14.09	165	440196	23.853	ng/ul	92
47) Acenaphthylene	14.23	152	2487515	18.768	ng/ul	99
48) 3-Nitroaniline	14.42	138	403129	23.312	ng/ul	91
49) Acenaphthene	14.57	153	1672911	18.427	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	196788	18.996	ng/ul	91
52) 4-Nitrophenol	14.73	109	355404	20.071	ng/ul#	82
53) Dibenzofuran	14.91	168	2486474	18.508	ng/ul	99
54) 2,4-Dinitrotoluene	14.87	165	642849	23.258	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.14	232	595463	21.299	ng/ul	95
56) Diethylphthalate	15.33	149	2185266	18.458	ng/ul	97
58) Fluorene	15.56	166	2088824	18.383	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	1130745	18.290	ng/ul	97
60) 4-Nitroaniline	15.57	138	441827	20.382	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.64	198	352313	20.048	ng/ul#	88
64) N-Nitrosodiphenylamine	15.77	169	1811334	18.879	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	749259	18.944	ng/ul	98
66) Hexachlorobenzene	16.56	284	823502	18.823	ng/ul	93
67) Atrazine	16.72	200	792011	19.196	ng/ul	95
68) Pentachlorophenol	16.90	266	459407	19.200	ng/ul	98
69) Phenanthrene	17.30	178	3319584	18.593	ng/ul	99
71) Anthracene	17.39	178	3456340	18.730	ng/ul	99
72) Carbazole	17.66	167	2955987	19.338	ng/ul	100
73) Di-n-butylphthalate	18.22	149	3754936	19.263	ng/ul	98
74) Fluoranthene	19.30	202	4066883	20.102	ng/ul#	94
77) Pyrene	19.67	202	4157308	20.857	ng/ul#	94
78) Butylbenzylphthalate	20.56	149	1669300	21.257	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.34	252	1416260	18.411	ng/ul	96
80) Benzo(a)anthracene	21.41	228	4048195	19.287	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	2424038	20.288	ng/ul	99
82) Chrysene	21.46	228	3585846	19.215	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	3913637	24.143	ng/ul	99
85) Benzo(b)fluoranthene	23.04	252	3684319	19.072	ng/ul#	99
86) Benzo(k)fluoranthene	23.08	252	3640410	20.022	ng/ul#	98
88) Benzo(a)pyrene	23.63	252	3449768	18.729	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.08	276	3529287	16.281	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	3002297	16.336	ng/ul#	97
91) Benzo(g,h,i)perylene	26.80	276	2824926	16.079	ng/ul#	97

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

