

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011921.D
 Acq On : 05 Oct 2017 12:17
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02023

Quant Time: Oct 06 03:48:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 08:36:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	209212	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	882492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	521824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1204312	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1301940	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1351301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	37048	8.38	ng/uL	0.00
5) Phenol-d5	7.03	99	357629	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	210966	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	305308	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	296414	19.05	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	142186	22.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	168081	23.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	308052	21.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	367123	23.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	955450	21.13	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1156524	21.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	152869	19.35	ng/ul	0.00
57) Fluorene-d10	15.50	176	813789	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	158869	19.61	ng/ul	-0.01
70) Anthracene-d10	17.36	188	1259539	21.22	ng/ul	0.00
76) Pyrene-d10	19.64	212	1395472	23.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1372990	21.12	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.32	88	38347	8.532	ng/uL#	69
4) Benzaldehyde	7.01	77	203086	22.642	ng/ul	89
6) Phenol	7.05	94	344940	19.366	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.29	93	266430	19.921	ng/ul	96
10) 2-Chlorophenol	7.43	128	294422	20.866	ng/ul	97
11) 2-Methylphenol	8.31	108	261650	19.315	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.40	45	329124	19.243	ng/ul#	86
14) Acetophenone	8.70	105	430016	18.887	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.67	70	234006	20.084	ng/ul#	69
16) 4-Methylphenol	8.64	108	290701	19.172	ng/ul	96
17) Hexachloroethane	8.95	117	122759	21.683	ng/ul	81
20) Nitrobenzene	9.08	77	333666	21.977	ng/ul	93
21) Isophorone	9.60	82	606602	21.425	ng/ul#	92
23) 2-Nitrophenol	9.79	139	169463	22.778	ng/ul#	78
24) 2,4-Dimethylphenol	9.84	107	334519	20.965	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.08	93	366204	21.064	ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	296089	21.450	ng/ul#	90
28) Naphthalene	10.73	128	910415	20.565	ng/ul	99
30) 4-Chloroaniline	10.83	127	357901	23.367	ng/ul	92
31) Hexachlorobutadiene	11.00	225	214951	21.224	ng/ul	94
32) Caprolactam	11.62	113	93161	20.585	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.96	107	306303	20.414	ng/ul	94
34) 2-Methylnaphthalene	12.33	142	674962	19.995	ng/ul	96

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011921.D
 Acq On : 05 Oct 2017 12:17
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02023

Quant Time: Oct 06 03:48:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 08:36:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	385189	21.760	ng/ul	95
37) Hexachlorocyclopentadiene	12.67	237	203996	19.800	ng/ul	97
38) 2,4,6-Trichlorophenol	12.94	196	260259	23.148	ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	264685	22.367	ng/ul	98
40) 1,1'-Biphenyl	13.34	154	889121	21.311	ng/ul	98
41) 2-Chloronaphthalene	13.39	162	688709	21.096	ng/ul	98
42) 2-Nitroaniline	13.60	65	199237	24.041	ng/ul	91
44) Dimethylphthalate	13.96	163	917271	21.082	ng/ul	100
45) 2,6-Dinitrotoluene	14.09	165	184818	22.530	ng/ul	90
47) Acenaphthylene	14.24	152	1098869	21.324	ng/ul	100
48) 3-Nitroaniline	14.42	138	167861	22.028	ng/ul	84
49) Acenaphthene	14.58	153	742444	20.821	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	101916	18.799	ng/ul	94
52) 4-Nitrophenol	14.73	109	125541	19.880	ng/ul#	77
53) Dibenzofuran	14.92	168	1059990	20.482	ng/ul	99
54) 2,4-Dinitrotoluene	14.88	165	263690	21.740	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.14	232	247654	21.430	ng/ul	91
56) Diethylphthalate	15.33	149	923433	20.910	ng/ul	96
58) Fluorene	15.56	166	877429	20.303	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.55	204	459292	20.095	ng/ul	98
60) 4-Nitroaniline	15.59	138	170957	19.259	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.64	198	165165	19.949	ng/ul	90
64) N-Nitrosodiphenylamine	15.77	169	747897	21.498	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	290001	21.497	ng/ul	97
66) Hexachlorobenzene	16.56	284	315504	20.919	ng/ul#	88
67) Atrazine	16.72	200	295312	21.441	ng/ul	93
68) Pentachlorophenol	16.91	266	196455	20.706	ng/ul	98
69) Phenanthrene	17.30	178	1356064	20.470	ng/ul	99
71) Anthracene	17.39	178	1410255	20.922	ng/ul	99
72) Carbazole	17.66	167	1183540	20.270	ng/ul	99
73) Di-n-butylphthalate	18.21	149	1564782	22.366	ng/ul#	98
74) Fluoranthene	19.31	202	1645290	20.356	ng/ul#	90
77) Pyrene	19.67	202	1696289	23.498	ng/ul#	89
78) Butylbenzylphthalate	20.56	149	730140	25.820	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.34	252	525388	21.677	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	1671194	22.406	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1051250	24.989	ng/ul#	97
82) Chrysene	21.47	228	1535531	21.668	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	1798642	22.783	ng/ul	100
85) Benzo(b)fluoranthene	23.05	252	1682218	20.481	ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	1666116	20.318	ng/ul#	98
88) Benzo(a)pyrene	23.66	252	1669781	21.157	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.14	276	1956999	23.171	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.15	278	1629483	23.480	ng/ul#	96
91) Benzo(g,h,i)perylene	26.87	276	1661249	23.779	ng/ul#	94

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

