

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007396.D
 Acq On : 03 Sep 2016 08:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Manual Integrations
 APPROVED

sohil
 9/6/2016 1:16:27 PM

Quant Time: Sep 05 01:42:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 03 01:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	167932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	788397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	540921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1416580	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1929224	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2084250	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	26873	8.18	ng/uL	0.00
5) Phenol-d5	6.96	99	304804	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	162859	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	232007	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	266771	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	120021	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	140647	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	274770	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	349214	20.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	934863	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1116410	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	168406	19.12	ng/ul	0.00
57) Fluorene-d10	15.42	176	820833	20.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	168133	18.88	ng/ul	0.00
70) Anthracene-d10	17.27	188	1374931	20.78	ng/ul	0.00
76) Pyrene-d10	19.56	212	1719322	21.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1995096	20.78	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	29579	8.07	ng/uL#	90
4) Benzaldehyde	6.94	77	190499	21.08	ng/ul	99
6) Phenol	6.99	94	317039	19.27	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	225431	19.67	ng/ul	99
10) 2-Chlorophenol	7.36	128	240817	20.06	ng/ul	100
11) 2-Methylphenol	8.23	108	249469	19.40	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	245078	19.00	ng/ul	97
14) Acetophenone	8.61	105	412183	19.43	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	214846	19.05	ng/ul	98
16) 4-Methylphenol	8.56	108	273916	18.98	ng/ul	95
17) Hexachloroethane	8.87	117	95487	20.45	ng/ul	96
20) Nitrobenzene	8.99	77	301444	20.28	ng/ul	98
21) Isophorone	9.51	82	594364	19.62	ng/ul	99
23) 2-Nitrophenol	9.70	139	154240	20.99	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	332808	20.53	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	336938	19.74	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	273224	20.44	ng/ul	97
28) Naphthalene	10.63	128	799844	20.40	ng/ul	100
30) 4-Chloroaniline	10.74	127	359126	20.78	ng/ul	97
31) Hexachlorobutadiene	10.91	225	188114	20.83	ng/ul	99
32) Caprolactam	11.49	113	101472m	18.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	327567	19.80	ng/ul	96
34) 2-Methylnaphthalene	12.24	142	643387	20.05	ng/ul	100

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007396.D
 Acq On : 03 Sep 2016 08:22
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02042

Manual Integrations
 APPROVED

sohil
 9/6/2016 1:16:27 PM

Quant Time: Sep 05 01:42:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 03 01:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	384657	21.36	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	190191	17.50	ng/ul	100
38) 2,4,6-Trichlorophenol	12.85	196	263072	20.65	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	278598	20.98	ng/ul	95
40) 1,1'-Biphenyl	13.26	154	874106	20.84	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	683647	20.78	ng/ul	99
42) 2-Nitroaniline	13.50	65	226327	21.07	ng/ul	97
44) Dimethylphthalate	13.88	163	920562	19.80	ng/ul	98
45) 2,6-Dinitrotoluene	14.00	165	195175	20.54	ng/ul	92
47) Acenaphthylene	14.14	152	1153975	20.73	ng/ul	99
48) 3-Nitroaniline	14.33	138	204111	21.05	ng/ul	97
49) Acenaphthene	14.49	153	740574	20.45	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	109888	17.06	ng/ul#	86
52) 4-Nitrophenol	14.64	109	187022	19.96	ng/ul	83
53) Dibenzofuran	14.82	168	1110943	20.50	ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	297344	20.42	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	276384	20.28	ng/ul	96
56) Diethylphthalate	15.24	149	953522	19.67	ng/ul	99
58) Fluorene	15.47	166	923697	20.69	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	475308	20.37	ng/ul	97
60) 4-Nitroaniline	15.50	138	227938	20.71	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	182470	19.19	ng/ul	100
64) N-Nitrosodiphenylamine	15.69	169	818785	20.70	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	330249	20.65	ng/ul	97
66) Hexachlorobenzene	16.47	284	361432	20.18	ng/ul	94
67) Atrazine	16.63	200	344152	20.61	ng/ul	99
68) Pentachlorophenol	16.82	266	232899	20.15	ng/ul	99
69) Phenanthrene	17.21	178	1574243	20.70	ng/ul	99
71) Anthracene	17.30	178	1630884	20.77	ng/ul	100
72) Carbazole	17.57	167	1452719	21.29	ng/ul	99
73) Di-n-butylphthalate	18.13	149	1739967	20.27	ng/ul	99
74) Fluoranthene	19.23	202	2119245	22.21	ng/ul	97
77) Pyrene	19.59	202	2190243	21.16	ng/ul	96
78) Butylbenzylphthalate	20.49	149	905255	21.02	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	829309	21.65	ng/ul	99
80) Benzo(a)anthracene	21.33	228	2376301	20.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	1276472	20.44	ng/ul	100
82) Chrysene	21.39	228	2169411	21.06	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	2356320	22.70	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	2516146	20.42	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	2513578	22.07	ng/ul	99
88) Benzo(a)pyrene	23.52	252	2461082	20.87	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	2715427	18.76	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	2277296	18.92	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	2216221	18.04	ng/ul	98

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

