

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090916\
 Data File : BM007471.D
 Acq On : 09 Sep 2016 17:20
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD2053

Manual Integrations
 APPROVED

SOHIL
 9/9/2016 7:10:40 PM

Quant Time: Sep 09 17:55:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 09 17:28:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	238570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1128426	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	766412	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1995132	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2712909	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2906881	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	41487	8.89	ng/uL	0.00
5) Phenol-d5	6.96	99	446669	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	249007	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	345189	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	386410	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	179625	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	211083	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	400160	20.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	521946	21.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1383200	20.92	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1623525	21.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	253150	20.28	ng/ul	0.00
57) Fluorene-d10	15.42	176	1191411	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	271416	21.63	ng/ul	0.00
70) Anthracene-d10	17.27	188	1973906	21.18	ng/ul	0.00
76) Pyrene-d10	19.56	212	2449951	21.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2798524	20.90	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	44352	8.52	ng/uL	97
4) Benzaldehyde	6.94	77	284020	22.12	ng/ul	97
6) Phenol	6.99	94	466526	19.96	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	341426	20.97	ng/ul	97
10) 2-Chlorophenol	7.36	128	350791	20.57	ng/ul	99
11) 2-Methylphenol	8.23	108	365692	20.01	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.32	45	382368	20.87	ng/ul	96
14) Acetophenone	8.61	105	606182	20.11	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	320569	20.01	ng/ul	94
16) 4-Methylphenol	8.56	108	410269	20.01	ng/ul	95
17) Hexachloroethane	8.86	117	140000	21.10	ng/ul	93
20) Nitrobenzene	8.99	77	458754	21.56	ng/ul	99
21) Isophorone	9.50	82	891869	20.57	ng/ul	100
23) 2-Nitrophenol	9.69	139	223612	21.26	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	492548	21.23	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	514383	21.06	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	402264	21.03	ng/ul	99
28) Naphthalene	10.62	128	1185637	21.13	ng/ul	99
30) 4-Chloroaniline	10.74	127	533494	21.57	ng/ul	97
31) Hexachlorobutadiene	10.90	225	273587	21.16	ng/ul	99
32) Caprolactam	11.50	113	153181m	19.88	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	481954	20.35	ng/ul	95
34) 2-Methylnaphthalene	12.23	142	955397	20.80	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090916\
 Data File : BM007471.D
 Acq On : 09 Sep 2016 17:20
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SST2053

Manual Integrations
 APPROVED

SOHIL
 9/9/2016 7:10:40 PM

Quant Time: Sep 09 17:55:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 09 17:28:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	554953	21.74	ng/ul	98
37) Hexachlorocyclopentadiene	12.58	237	285232	18.53	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	376708	20.87	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	398584	21.18	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	1282903	21.58	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	992683	21.30	ng/ul	98
42) 2-Nitroaniline	13.50	65	333908	21.94	ng/ul	98
44) Dimethylphthalate	13.88	163	1358186	20.62	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	288715	21.45	ng/ul	93
47) Acenaphthylene	14.14	152	1683986	21.35	ng/ul	99
48) 3-Nitroaniline	14.33	138	300385	21.86	ng/ul	96
49) Acenaphthene	14.49	153	1089896	21.24	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	175389	19.21	ng/ul#	84
52) 4-Nitrophenol	14.65	109	259134	19.52	ng/ul	90
53) Dibenzofuran	14.82	168	1617260	21.06	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	440637	21.36	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	399089	20.67	ng/ul	96
56) Diethylphthalate	15.24	149	1408498	20.50	ng/ul	100
58) Fluorene	15.47	166	1319477	20.86	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	691803	20.92	ng/ul	97
60) 4-Nitroaniline	15.50	138	324178	20.79	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	288180	21.52	ng/ul#	98
64) N-Nitrosodiphenylamine	15.68	169	1200530	21.55	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	481897	21.39	ng/ul	98
66) Hexachlorobenzene	16.47	284	534615	21.19	ng/ul	96
67) Atrazine	16.63	200	505551	21.50	ng/ul	99
68) Pentachlorophenol	16.82	266	310825	19.09	ng/ul	99
69) Phenanthrene	17.21	178	2270533	21.20	ng/ul	99
71) Anthracene	17.30	178	2356663	21.31	ng/ul	99
72) Carbazole	17.57	167	2105545	21.91	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2527647	20.90	ng/ul	99
74) Fluoranthene	19.22	202	2977264	22.15	ng/ul	100
77) Pyrene	19.59	202	3128651	21.50	ng/ul	100
78) Butylbenzylphthalate	20.48	149	1284734	21.21	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	1204461	22.36	ng/ul	99
80) Benzo(a)anthracene	21.33	228	3369752	21.07	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1854614	21.12	ng/ul	99
82) Chrysene	21.39	228	3059119	21.12	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3354988	23.17	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	3609783	21.00	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	3443995	21.68	ng/ul	99
88) Benzo(a)pyrene	23.52	252	3451730	20.99	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	3923040	19.44	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	3264992	19.45	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	3229451	18.84	ng/ul	98

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

