

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081816\
 Data File : BM007176.D
 Acq On : 17 Aug 2016 12:39
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

Quant Time: Aug 17 13:54:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 04:01:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	241051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	944847	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	533543	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1285685	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1666145	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1770420	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	44394	8.05	ng/uL	0.00
5) Phenol-d5	6.97	99	384196	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	222184	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	313671	20.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	303658	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	139621	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	157864	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	314732	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	372190	20.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	880415	19.97	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1095823	20.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	148198	18.76	ng/ul	0.00
57) Fluorene-d10	15.43	176	773439	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	122303	17.21	ng/ul	0.00
70) Anthracene-d10	17.27	188	1211769	20.34	ng/ul	0.00
76) Pyrene-d10	19.57	212	1451414	20.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1678375	20.73	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	45596	7.94	ng/uL	99
4) Benzaldehyde	6.95	77	250540	21.34	ng/ul	98
6) Phenol	7.00	94	400188	19.46	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	301809	19.88	ng/ul	99
10) 2-Chlorophenol	7.37	128	320218	20.13	ng/ul	96
11) 2-Methylphenol	8.24	108	296817	19.19	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.34	45	334332	19.22	ng/ul	97
14) Acetophenone	8.62	105	485242	19.61	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.60	70	238413	18.52	ng/ul	98
16) 4-Methylphenol	8.57	108	319219	18.91	ng/ul	96
17) Hexachloroethane	8.87	117	132632	19.97	ng/ul	92
20) Nitrobenzene	9.00	77	362206	20.51	ng/ul	99
21) Isophorone	9.52	82	630733	19.07	ng/ul	99
23) 2-Nitrophenol	9.70	139	171364	21.37	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	372841	20.29	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	388819	19.58	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	314378	20.55	ng/ul	99
28) Naphthalene	10.64	128	940251	20.09	ng/ul	99
30) 4-Chloroaniline	10.75	127	378797	20.21	ng/ul	99
31) Hexachlorobutadiene	10.92	225	232250	20.53	ng/ul	98
32) Caprolactam	11.50	113	90115	17.39	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	326052	19.51	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	709673	19.67	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	419660	22.24	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	193925	16.14	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	260037	21.49	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	269895	21.30	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	912813	21.32	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	707463	21.07	ng/ul	99
42) 2-Nitroaniline	13.52	65	201517	20.90	ng/ul	97
44) Dimethylphthalate	13.89	163	872392	19.80	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	179567	20.97	ng/ul	92
47) Acenaphthylene	14.16	152	1131324	20.75	ng/ul	99
48) 3-Nitroaniline	14.34	138	178909	21.12	ng/ul	99
49) Acenaphthene	14.50	153	722282	20.41	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	75966	14.96	ng/ul#	89
52) 4-Nitrophenol	14.65	109	152923	19.04	ng/ul	93
53) Dibenzofuran	14.83	168	1074688	20.46	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	259813	20.56	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	251704	20.55	ng/ul	95
56) Diethylphthalate	15.26	149	872995	18.78	ng/ul	99
58) Fluorene	15.49	166	848449	20.03	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	443978	19.85	ng/ul	100
60) 4-Nitroaniline	15.50	138	192036	19.34	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.56	198	133681	17.29	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	745130	20.48	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	300306	20.62	ng/ul	97
66) Hexachlorobenzene	16.49	284	335149	20.34	ng/ul	98
67) Atrazine	16.64	200	291339	19.87	ng/ul	98
68) Pentachlorophenol	16.83	266	197925	19.53	ng/ul	97
69) Phenanthrene	17.22	178	1398023	20.22	ng/ul	100
71) Anthracene	17.31	178	1430571	20.16	ng/ul	99
72) Carbazole	17.58	167	1275382	20.86	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1491648	19.96	ng/ul	99
74) Fluoranthene	19.23	202	1808107	21.56	ng/ul	99
77) Pyrene	19.60	202	1867578	20.27	ng/ul	99
78) Butylbenzylphthalate	20.50	149	719107	20.08	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.28	252	652064	20.26	ng/ul	99
80) Benzo(a)anthracene	21.34	228	2011228	20.43	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	1004970	18.96	ng/ul	100
82) Chrysene	21.40	228	1800885	20.02	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1837515	20.12	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	2234248	20.95	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	1991791	19.89	ng/ul	98
88) Benzo(a)pyrene	23.53	252	2074248	20.52	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	2512122	20.27	ng/ul	98
90) Dibenzo(a,h)anthracene	25.94	278	2101650	20.21	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	2084465	19.90	ng/ul	98

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

