

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
 Data File : BM005905.D
 Acq On : 22 Jun 2016 00:48
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02042

Manual Integrations
 APPROVED

umangi
 6/22/2016 2:21:28 PM

Quant Time: Jun 22 03:35:24 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 21 08:19:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	186534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	963463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	613297	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1489710	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1640836	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1750457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	38513	8.08	ng/uL	0.00
5) Phenol-d5	6.85	99	444027	21.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	262485	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	324197	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	371957	21.62	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	163989	23.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	167386	23.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	356984	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	321611	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1224784	21.07	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1497837	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	224418	22.39	ng/ul	0.00
57) Fluorene-d10	15.32	176	1041338	21.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	159076	26.50	ng/ul	0.00
70) Anthracene-d10	17.17	188	1635856	21.66	ng/ul	0.00
76) Pyrene-d10	19.47	212	1864783	21.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1946844	21.83	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.23	88	69899	8.49	ng/uL	98
4) Benzaldehyde	6.82	77	44990	18.64	ng/ul	95
6) Phenol	6.87	94	455032	21.86	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.11	93	343187	21.81	ng/ul	99
10) 2-Chlorophenol	7.24	128	326669	21.13	ng/ul	98
11) 2-Methylphenol	8.12	108	354021	21.72	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	514135	22.36	ng/ul	99
14) Acetophenone	8.49	105	580246	22.91	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	313059	21.58	ng/ul	97
16) 4-Methylphenol	8.45	108	394108	21.73	ng/ul	96
17) Hexachloroethane	8.75	117	124631	21.43	ng/ul	95
20) Nitrobenzene	8.87	77	425435	23.08	ng/ul	96
21) Isophorone	9.39	82	889864	20.93	ng/ul	100
23) 2-Nitrophenol	9.58	139	187100	23.73	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	440316	21.06	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.88	93	525278	20.98	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	354030	21.56	ng/ul	97
28) Naphthalene	10.51	128	1144044	21.49	ng/ul	100
30) 4-Chloroaniline	10.62	127	340422	21.01	ng/ul	99
31) Hexachlorobutadiene	10.80	225	200623	22.35	ng/ul	97
32) Caprolactam	11.37	113	147123m	20.55	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	453419	21.34	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	890694	21.61	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.50	216	446314	22.29	ng/ul	100
37) Hexachlorocyclopentadiene	12.48	237	243680	24.48	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	300396	21.80	ng/ul	98
39) 2,4,5-Trichlorophenol	12.81	196	337676	22.28	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	1194692	21.95	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	900549	21.97	ng/ul	99
42) 2-Nitroaniline	13.40	65	313756	25.50	ng/ul	96
44) Dimethylphthalate	13.79	163	1209828	21.39	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	234434	24.86	ng/ul	99
47) Acenaphthylene	14.05	152	1527709	21.81	ng/ul	99
48) 3-Nitroaniline	14.23	138	264574	24.03	ng/ul#	94
49) Acenaphthene	14.39	153	996101	21.51	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	95135	27.26	ng/ul	93
52) 4-Nitrophenol	14.54	109	206506	22.62	ng/ul	93
53) Dibenzofuran	14.73	168	1445531	22.07	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	346465	24.91	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.95	232	295098	22.68	ng/ul	99
56) Diethylphthalate	15.16	149	1285355	20.98	ng/ul	99
58) Fluorene	15.37	166	1137531	21.95	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	540331	22.15	ng/ul	99
60) 4-Nitroaniline	15.40	138	284643	23.06	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.45	198	173057	26.44	ng/ul#	92
64) N-Nitrosodiphenylamine	15.59	169	1043144	21.34	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	368461	21.95	ng/ul	99
66) Hexachlorobenzene	16.37	284	406582	21.93	ng/ul	97
67) Atrazine	16.54	200	357707	21.84	ng/ul	98
68) Pentachlorophenol	16.72	266	237966	23.71	ng/ul	99
69) Phenanthrene	17.12	178	1961363	21.68	ng/ul	99
71) Anthracene	17.20	178	1960442	21.58	ng/ul	100
72) Carbazole	17.47	167	1876453	23.10	ng/ul	100
73) Di-n-butylphthalate	18.05	149	2258395	20.83	ng/ul	99
74) Fluoranthene	19.13	202	2300090	23.61	ng/ul	99
77) Pyrene	19.50	202	2364298	21.45	ng/ul	98
78) Butylbenzylphthalate	20.42	149	1061990	20.74	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.19	252	805023	25.25	ng/ul	99
80) Benzo(a)anthracene	21.25	228	2330435	21.56	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1524738	21.10	ng/ul	100
82) Chrysene	21.30	228	2221697	21.76	ng/ul	100
84) Di-n-octyl phthalate	22.08	149	2807540	22.91	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	2540234	21.96	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	2343199	21.61	ng/ul	99
88) Benzo(a)pyrene	23.40	252	2375162	22.11	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.73	276	2640215	23.70	ng/ul	97
90) Dibenzo(a,h)anthracene	25.74	278	2215070	24.25	ng/ul	98
91) Benzo(g,h,i)perylene	26.41	276	2219220	23.67	ng/ul	97

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

