

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000981.D
 Acq On : 14 Apr 2015 12:01
 Operator : TP/IZ
 Sample : SSTD02018
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02018

Manual Integrations
 APPROVED

apatel
 4/16/2015 8:52:47 AM

Quant Time: Apr 15 06:08:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 15 05:54:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	355795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1510741	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	836949	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	1792735	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1882149	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	1798777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	54700	7.36	ng/uL	0.00
5) Phenol-d5	6.78	99	577555	21.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	348015	20.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	468325	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	452513	21.72	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	216644	21.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	240194	22.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	453543	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	591981	22.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1128088	20.59	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1646674	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	221609	23.07	ng/ul	0.00
57) Fluorene-d10	15.26	176	1107918	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	191385	19.98	ng/ul	0.00
70) Anthracene-d10	17.10	188	1670387	20.40	ng/ul	0.00
76) Pyrene-d10	19.41	212	1768266	20.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	1626788	20.67	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.11	88	64876	7.85	ng/uL 98
4) Benzaldehyde	6.75	77	357526	24.57	ng/ul 99
6) Phenol	6.81	94	623024	21.40	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.03	93	485012	20.59	ng/ul 98
10) 2-Chlorophenol	7.17	128	498517	20.91	ng/ul 99
11) 2-Methylphenol	8.05	108	468001	21.70	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	855555	20.66	ng/ul 98
14) Acetophenone	8.42	105	744890	21.42	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.41	70	367625	21.81	ng/ul 97
16) 4-Methylphenol	8.38	108	505930	21.36	ng/ul 97
17) Hexachloroethane	8.67	117	198714	21.04	ng/ul 97
20) Nitrobenzene	8.80	77	560004	21.01	ng/ul 99
21) Isophorone	9.32	82	975529	21.68	ng/ul 100
23) 2-Nitrophenol	9.51	139	273621	22.22	ng/ul 99
24) 2,4-Dimethylphenol	9.57	107	536798	20.60	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.81	93	624542	20.42	ng/ul 99
27) 2,4-Dichlorophenol	10.04	162	455446	20.53	ng/ul 97
28) Naphthalene	10.43	128	1606055	20.06	ng/ul 100
30) 4-Chloroaniline	10.55	127	616050	22.28	ng/ul 100
31) Hexachlorobutadiene	10.72	225	273889	19.96	ng/ul 97
32) Caprolactam	11.30	113	133534m	23.89	ng/ul
33) 4-Chloro-3-methylphenol	11.69	107	483046	21.53	ng/ul 99
34) 2-Methylnaphthalene	12.06	142	1119651	20.26	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	529124	20.13	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	270147	19.84	ng/ul	98
38) 2,4,6-Trichlorophenol	12.68	196	331993	21.90	ng/ul	97
39) 2,4,5-Trichlorophenol	12.75	196	368987	21.92	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	1408759	19.81	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	1092971	19.96	ng/ul	99
42) 2-Nitroaniline	13.34	65	317033	21.68	ng/ul	98
44) Dimethylphthalate	13.72	163	1278711	20.37	ng/ul	98
45) 2,6-Dinitrotoluene	13.84	165	264162	22.13	ng/ul	99
47) Acenaphthylene	13.98	152	1796404	20.37	ng/ul	99
48) 3-Nitroaniline	14.17	138	290715	22.58	ng/ul	99
49) Acenaphthene	14.33	153	1176826	20.19	ng/ul	100
50) 2,4-Dinitrophenol	14.38	184	122787	20.92	ng/ul	96
52) 4-Nitrophenol	14.49	109	167794	22.25	ng/ul	95
53) Dibenzofuran	14.66	168	1631586	19.89	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	388505	22.34	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	293098	22.13	ng/ul	98
56) Diethylphthalate	15.09	149	1310846	20.87	ng/ul	100
58) Fluorene	15.31	166	1359748	20.15	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	633767	19.89	ng/ul	99
60) 4-Nitroaniline	15.34	138	297517	23.36	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.40	198	210683	19.88	ng/ul#	99
64) N-Nitrosodiphenylamine	15.53	169	1131929	20.55	ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	359280	20.36	ng/ul	98
66) Hexachlorobenzene	16.32	284	401093	20.48	ng/ul	99
67) Atrazine	16.48	200	376091	21.89	ng/ul	99
68) Pentachlorophenol	16.66	266	227390	22.91	ng/ul	97
69) Phenanthrene	17.05	178	2069579	20.01	ng/ul	100
71) Anthracene	17.14	178	2142070	20.24	ng/ul	99
72) Carbazole	17.42	167	1927263	20.67	ng/ul	99
73) Di-n-butylphthalate	17.98	149	2217502	21.99	ng/ul	99
74) Fluoranthene	19.07	202	2335755	20.44	ng/ul	98
77) Pyrene	19.44	202	2462862	20.51	ng/ul	99
78) Butylbenzylphthalate	20.34	149	1000568	23.54	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.13	252	675447	23.15	ng/ul	98
80) Benzo(a)anthracene	21.19	228	2303331	20.58	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	1505547	23.71	ng/ul	99
82) Chrysene	21.24	228	2159991	20.10	ng/ul	99
84) Di-n-octyl phthalate	21.99	149	2536146	23.07	ng/ul	100
85) Benzo(b)fluoranthene	22.73	252	2237497	20.16	ng/ul	99
86) Benzo(k)fluoranthene	22.78	252	2116513	20.19	ng/ul	99
88) Benzo(a)pyrene	23.29	252	2130011	20.21	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.57	276	2369643	20.77	ng/ul	98
90) Dibenzo(a,h)anthracene	25.58	278	1986047	20.78	ng/ul	98
91) Benzo(g,h,i)perylene	26.24	276	2003456	20.45	ng/ul	99

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

