

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000958.D
 Acq On : 13 Apr 2015 20:46
 Operator : TP/IZ
 Sample : SSTD04014
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04014

Manual Integrations
 APPROVED

apatel
 4/16/2015 8:52:29 AM

Quant Time: Apr 14 08:35:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 14 07:52:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	218328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	910741	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	511539	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	1098060	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	1185979	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	1117397	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	72768	14.94	ng/uL	0.00
5) Phenol-d5	6.78	99	689252	38.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	412972	33.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	565260	42.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	543071	38.89	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	259093	38.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	287814	44.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	546682	40.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	673698	40.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1375433	38.16	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1990623	43.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	260057	43.12	ng/ul	0.00
57) Fluorene-d10	15.26	176	1352647	41.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	250621	42.56	ng/ul	0.00
70) Anthracene-d10	17.11	188	2039181	39.54	ng/ul	0.00
76) Pyrene-d10	19.41	212	2174300	41.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1996131	39.57	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	81979	12.79	ng/uL	98
4) Benzaldehyde	6.75	77	388863	29.65	ng/ul	99
6) Phenol	6.81	94	751800	39.31	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	586197	37.80	ng/ul	98
10) 2-Chlorophenol	7.17	128	604965	43.16	ng/ul	99
11) 2-Methylphenol	8.05	108	555505	39.15	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1003958	36.47	ng/ul	98
14) Acetophenone	8.43	105	885497	33.11	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	437646	32.01	ng/ul	96
16) 4-Methylphenol	8.38	108	612487	39.25	ng/ul	100
17) Hexachloroethane	8.67	117	234811	33.71	ng/ul	97
20) Nitrobenzene	8.80	77	663699	31.62	ng/ul	98
21) Isophorone	9.32	82	1171059	32.54	ng/ul	100
23) 2-Nitrophenol	9.51	139	323794	45.26	ng/ul	98
24) 2,4-Dimethylphenol	9.57	107	651671	35.02	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.81	93	749240	37.14	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	549791	39.93	ng/ul	97
28) Naphthalene	10.44	128	1917838	41.10	ng/ul	100
30) 4-Chloroaniline	10.55	127	703310	39.72	ng/ul	100
31) Hexachlorobutadiene	10.72	225	325863	31.09	ng/ul	99
32) Caprolactam	11.30	113	161361m	42.51	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	575217	34.50	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	1338312	37.95	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	636690	42.68	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	359206	38.69	ng/ul	100
38) 2,4,6-Trichlorophenol	12.69	196	389577	45.58	ng/ul	99
39) 2,4,5-Trichlorophenol	12.75	196	430814	44.21	ng/ul	97
40) 1,1'-Biphenyl	13.09	154	1725976	45.48	ng/ul	100
41) 2-Chloronaphthalene	13.13	162	1318197	44.90	ng/ul	98
42) 2-Nitroaniline	13.34	65	383192	38.62	ng/ul	96
44) Dimethylphthalate	13.73	163	1565415	41.36	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	320233	45.59	ng/ul	97
47) Acenaphthylene	13.98	152	2185818	44.97	ng/ul	98
48) 3-Nitroaniline	14.17	138	340243	46.14	ng/ul	99
49) Acenaphthene	14.33	153	1419478	44.64	ng/ul	100
50) 2,4-Dinitrophenol	14.39	184	163388	44.18	ng/ul	99
52) 4-Nitrophenol	14.49	109	204170	23.42	ng/ul	96
53) Dibenzofuran	14.66	168	1985634	42.94	ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	469445	42.73	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.89	232	354448	43.46	ng/ul	96
56) Diethylphthalate	15.10	149	1589358	40.62	ng/ul	99
58) Fluorene	15.32	166	1635301	42.56	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.31	204	773009	40.63	ng/ul	99
60) 4-Nitroaniline	15.34	138	337075	42.25	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.40	198	278304	44.82	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	1383848	43.95	ng/ul	100
65) 4-Bromophenyl-phenylether	16.20	248	441772	38.58	ng/ul	100
66) Hexachlorobenzene	16.32	284	479230	35.68	ng/ul	98
67) Atrazine	16.48	200	456250	42.22	ng/ul	98
68) Pentachlorophenol	16.66	266	263087	38.37	ng/ul	98
69) Phenanthrene	17.05	178	2522914	40.87	ng/ul	99
71) Anthracene	17.14	178	2604733	41.16	ng/ul	100
72) Carbazole	17.42	167	2349807	42.79	ng/ul	100
73) Di-n-butylphthalate	17.98	149	2701792	44.10	ng/ul	99
74) Fluoranthene	19.07	202	2857112	39.91	ng/ul	98
77) Pyrene	19.44	202	3004497	42.36	ng/ul	100
78) Butylbenzylphthalate	20.34	149	1216794	52.39	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.13	252	836160	47.45	ng/ul	98
80) Benzo(a)anthracene	21.19	228	2841764	40.81	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	1816552	51.40	ng/ul	99
82) Chrysene	21.24	228	2691672	40.97	ng/ul	99
84) Di-n-octyl phthalate	21.99	149	3088352	50.31	ng/ul	100
85) Benzo(b)fluoranthene	22.73	252	2860804	42.40	ng/ul	99
86) Benzo(k)fluoranthene	22.77	252	2592632	39.29	ng/ul	100
88) Benzo(a)pyrene	23.29	252	2649145	41.14	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.57	276	2899078	41.39	ng/ul	99
90) Dibenzo(a,h)anthracene	25.58	278	2433909	41.40	ng/ul	99
91) Benzo(g,h,i)perylene	26.23	276	2456835	42.15	ng/ul	98

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

