

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071015\
 Data File : BM001894.D
 Acq On : 10 Jul 2015 15:38
 Operator : TP/UM
 Sample : SSTD04033
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04033

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:36:45 PM

Quant Time: Jul 11 01:17:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 11 01:06:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	54893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	243664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	155355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	361381	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	440996	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	453995	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	34318	25.44	ng/uL	0.00
5) Phenol-d5	6.83	99	392810	73.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	203514	69.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	312217	74.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	327586	75.21	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	155169	73.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	180021	76.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	359138	72.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	354233	67.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1022363	70.57	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1242540	67.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	183386	69.52	ng/ul	0.01
57) Fluorene-d10	15.32	176	881385	67.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	204708	73.66	ng/ul	0.00
70) Anthracene-d10	17.17	188	1391945	67.65	ng/ul	0.00
78) Pyrene-d10	19.47	212	1587004	69.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1896717	73.94	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	35346	23.23 ng/uL	100
4) Benzaldehyde	6.80	77	202962	60.20 ng/ul	98
6) Phenol	6.86	94	407201	73.86 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.09	93	287817	70.93 ng/ul	98
10) 2-Chlorophenol	7.22	128	318153	73.19 ng/ul	100
11) 2-Methylphenol	8.10	108	312336	75.79 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	330673	68.24 ng/ul	99
14) Acetophenone	8.49	105	507150	73.88 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.49	70	259375	76.44 ng/ul	99
16) 4-Methylphenol	8.45	108	342888	76.28 ng/ul	96
17) Hexachloroethane	8.73	117	121031	71.07 ng/ul	99
20) Nitrobenzene	8.87	77	373203	67.32 ng/ul	99
21) Isophorone	9.39	82	696476	72.53 ng/ul	99
23) 2-Nitrophenol	9.57	139	190548	74.26 ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	398267	69.72 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	401810	68.75 ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	340177	71.56 ng/ul	100
28) Naphthalene	10.50	128	1003240	67.25 ng/ul	100
30) 4-Chloroaniline	10.62	127	361102	68.25 ng/ul	96
31) Hexachlorobutadiene	10.77	225	235323	66.67 ng/ul	98
32) Caprolactam	11.42	113	161932m	92.80 ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	369807	72.36 ng/ul	100
34) 2-Methylnaphthalene	12.12	142	755344	69.09 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	460307	65.87	ng/ul	96
37) Hexachlorocyclopentadiene	12.47	237	278335	66.81	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	300556	71.39	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	325504	70.71	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	1015870	66.13	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	799575	66.38	ng/ul	99
42) 2-Nitroaniline	13.40	65	239610	72.40	ng/ul	99
44) Dimethylphthalate	13.79	163	1039154	67.39	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	229272	75.77	ng/ul	99
47) Acenaphthylene	14.04	152	1263317	67.16	ng/ul	99
48) 3-Nitroaniline	14.24	138	196517	68.73	ng/ul	97
49) Acenaphthene	14.39	153	845088	67.57	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	147639	77.79	ng/ul	96
52) 4-Nitrophenol	14.56	109	176099	65.92	ng/ul	95
53) Dibenzofuran	14.72	168	1211484	67.23	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	327842	73.75	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.95	232	291936	72.57	ng/ul	98
56) Diethylphthalate	15.15	149	1029740	69.19	ng/ul	100
58) Fluorene	15.37	166	1034273	68.67	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	551703	67.87	ng/ul	100
60) 4-Nitroaniline	15.42	138	201724	63.63	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.47	198	215936	73.07	ng/ul	95
64) N-Nitrosodiphenylamine	15.59	169	888210	68.59	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	342550	68.83	ng/ul	99
66) Hexachlorobenzene	16.37	284	375441	67.88	ng/ul	98
67) Atrazine	16.54	200	359864	68.41	ng/ul	99
68) Pentachlorophenol	16.72	266	247653	71.08	ng/ul	99
69) Phenanthrene	17.11	178	1591783	66.76	ng/ul	99
71) Anthracene	17.20	178	1662158	67.76	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	456196	66.51	ng/uL	99
73) Pentachlorobenzene	14.64	250	441511	67.82	ng/uL	100
74) Carbazole	17.47	167	1452120	67.30	ng/ul	100
75) Di-n-butylphthalate	18.03	149	1752685	73.49	ng/ul	100
76) Fluoranthene	19.13	202	1958495	68.18	ng/ul	99
79) Pyrene	19.50	202	2055570	68.36	ng/ul	99
80) Butylbenzylphthalate	20.40	149	820786	77.71	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.19	252	694780	68.76	ng/ul	100
82) Benzo(a)anthracene	21.25	228	2158500	68.45	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1232488	78.36	ng/ul	100
84) Chrysene	21.30	228	1999904	67.31	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	2141939	73.85	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	2206226	67.39	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	2156744	69.32	ng/ul	99
90) Benzo(a)pyrene	23.41	252	2147903	68.09	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.77	276	2544078	68.09	ng/ul	98
92) Dibenzo(a,h)anthracene	25.77	278	2173294	68.77	ng/ul	99
93) Benzo(g,h,i)perylene	26.46	276	2114820	67.62	ng/ul	100

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

