

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071615\
 Data File : BM001943.D
 Acq On : 16 Jul 2015 12:25
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

Quant Time: Jul 17 00:27:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 07:11:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	59791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	264635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	178283	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	430581	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	572317	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	595540	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9525	7.79	ng/uL	0.00
5) Phenol-d5	6.82	99	94318	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	53246	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	76041	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	79288	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	37901	19.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	41347	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	86225	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	100394	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	277790	19.32	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	331173	19.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	48399	19.88	ng/ul	0.00
57) Fluorene-d10	15.30	176	241519	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	49472	17.74	ng/ul	0.00
70) Anthracene-d10	17.16	188	390140	19.30	ng/ul	0.00
78) Pyrene-d10	19.46	212	464269	17.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	575057	19.09	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	9946	7.71	ng/ul	97
4) Benzaldehyde	6.80	77	39697	16.83	ng/ul	99
6) Phenol	6.85	94	99869	19.81	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	74273	20.00	ng/ul	97
10) 2-Chlorophenol	7.22	128	76444	19.43	ng/ul	98
11) 2-Methylphenol	8.09	108	73459	19.14	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	88039	20.30	ng/ul	98
14) Acetophenone	8.47	105	127609	20.15	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	64169	19.73	ng/ul	98
16) 4-Methylphenol	8.42	108	84942	20.22	ng/ul	98
17) Hexachloroethane	8.72	117	30146	19.19	ng/ul	98
20) Nitrobenzene	8.86	77	92971	19.09	ng/ul	100
21) Isophorone	9.37	82	171902	18.90	ng/ul	99
23) 2-Nitrophenol	9.56	139	45749	19.16	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	97591	19.24	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	102983	18.87	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	84290	19.50	ng/ul	99
28) Naphthalene	10.49	128	256449	19.19	ng/ul	99
30) 4-Chloroaniline	10.60	127	103809	22.05	ng/ul	99
31) Hexachlorobutadiene	10.77	225	59183	19.09	ng/ul	98
32) Caprolactam	11.37	113	41375	20.26	ng/ul	97
33) 4-Chloro-3-methylphenol	11.74	107	94583	19.95	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	197938	19.90	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	118364	18.59	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	61292	16.75	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	73373	18.42	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	82022	18.90	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	268680	18.77	ng/ul	100
41) 2-Chloronaphthalene	13.18	162	211182	18.95	ng/ul	99
42) 2-Nitroaniline	13.39	65	60085	19.13	ng/ul	97
44) Dimethylphthalate	13.77	163	282388	19.31	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	59164	19.65	ng/ul	99
47) Acenaphthylene	14.03	152	341621	19.36	ng/ul	99
48) 3-Nitroaniline	14.22	138	51189	19.23	ng/ul	94
49) Acenaphthene	14.37	153	225095	19.02	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	31203	17.18	ng/ul	98
52) 4-Nitrophenol	14.53	109	43315	19.30	ng/ul	97
53) Dibenzofuran	14.71	168	330151	19.42	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	87045	19.91	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	75573	19.69	ng/ul#	98
56) Diethylphthalate	15.14	149	279093	19.25	ng/ul	99
58) Fluorene	15.36	166	279960	19.64	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	150138	19.44	ng/ul	98
60) 4-Nitroaniline	15.39	138	56157	20.05	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	53263	18.00	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	246412	19.15	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	92563	18.80	ng/ul	97
66) Hexachlorobenzene	16.36	284	103048	18.91	ng/ul	97
67) Atrazine	16.53	200	100668	19.84	ng/ul	97
68) Pentachlorophenol	16.71	266	61756	18.38	ng/ul	97
69) Phenanthrene	17.10	178	452477	19.40	ng/ul	99
71) Anthracene	17.19	178	469618	19.52	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	119735	18.15	ng/uL	96
73) Pentachlorobenzene	14.63	250	120038	18.69	ng/uL	99
74) Carbazole	17.46	167	418243	20.17	ng/ul	100
75) Di-n-butylphthalate	18.03	149	483577	19.32	ng/ul	100
76) Fluoranthene	19.12	202	564591	20.71	ng/ul	100
79) Pyrene	19.49	202	600635	17.54	ng/ul	98
80) Butylbenzylphthalate	20.39	149	229186	17.60	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.18	252	199622	18.81	ng/ul	99
82) Benzo(a)anthracene	21.24	228	657810	19.31	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	346230	18.14	ng/ul	99
84) Chrysene	21.30	228	611281	19.16	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	621431	16.76	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	698307	19.13	ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	637926	18.18	ng/ul	99
90) Benzo(a)pyrene	23.39	252	660858	19.27	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.73	276	760390	21.12	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	642672	21.11	ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	630449	21.31	ng/ul	99

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

