

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004527.D
 Acq On : 03 Mar 2016 11:41
 Operator : SJ/UM
 Sample : SSTD04037
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04037

Quant Time: Mar 03 12:58:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 03 12:35:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	26567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	125309	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	77105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	167507	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	141011	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	118557	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	8034	15.94	ng/uL	0.00
5) Phenol-d5	6.79	99	88709	39.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	44014	38.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	78904	41.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	78690	39.53	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	39940	41.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	45883	42.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	81039	41.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	105038	42.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	252984	38.26	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	310459	40.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	39410	37.08	ng/ul	0.00
58) Fluorene-d10	15.26	176	216671	38.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	45374	44.10	ng/ul	0.00
71) Anthracene-d10	17.12	188	323315	39.39	ng/ul	0.00
79) Pyrene-d10	19.42	212	320966	47.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	253218	40.70	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	9102	15.67	ng/uL#	91
4) Benzaldehyde	6.74	77	52960	43.95	ng/ul	92
6) Phenol	6.81	94	93155	39.21	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	70023	39.82	ng/ul	94
10) 2-Chlorophenol	7.16	128	81990	41.06	ng/ul	96
11) 2-Methylphenol	8.05	108	76663	39.57	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	63366	37.53	ng/ul	97
14) Acetophenone	8.42	105	123018	39.44	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.41	70	56187	37.49	ng/ul	94
16) 4-Methylphenol	8.39	108	84914	39.97	ng/ul	99
17) Hexachloroethane	8.66	117	30245	39.86	ng/ul	89
20) Nitrobenzene	8.80	77	81387	39.06	ng/ul	94
21) Isophorone	9.32	82	163326	37.82	ng/ul	95
23) 2-Nitrophenol	9.50	139	51588	42.19	ng/ul	91
24) 2,4-Dimethylphenol	9.57	107	96119	39.37	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	101757	39.09	ng/ul	100
27) 2,4-Dichlorophenol	10.05	162	84944	41.04	ng/ul	99
28) Naphthalene	10.43	128	273703	39.17	ng/ul	99
30) 4-Chloroaniline	10.55	127	111789	43.35	ng/ul	99
31) Hexachlorobutadiene	10.70	225	53361	41.08	ng/ul	98
32) Caprolactam	11.33	113	13807	19.16	ng/ul	83
33) 4-Chloro-3-methylphenol	11.70	107	91931	37.94	ng/ul	96
34) 2-Methylnaphthalene	12.05	142	203982	39.02	ng/ul	100

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35) 1-Methylnaphthalene	12.27	142	193819	38.98	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	107381	41.88	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	42007	43.94	ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	68365	41.02	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	72467	40.06	ng/ul	100
41) 1,1'-Biphenyl	13.08	154	265751	40.11	ng/ul	98
42) 2-Chloronaphthalene	13.13	162	204201	40.50	ng/ul	98
43) 2-Nitroaniline	13.35	65	48886	38.46	ng/ul	88
45) Dimethylphthalate	13.72	163	264089	38.30	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	56720	41.01	ng/ul	93
48) Acenaphthylene	13.98	152	332872	39.52	ng/ul	100
49) 3-Nitroaniline	14.19	138	55314	40.31	ng/ul	96
50) Acenaphthene	14.32	153	223054	38.78	ng/ul	98
51) 2,4-Dinitrophenol	14.42	184	28700	45.74	ng/ul#	87
53) 4-Nitrophenol	14.52	109	27169	34.19	ng/ul	89
54) Dibenzofuran	14.66	168	311412	38.77	ng/ul	96
55) 2,4-Dinitrotoluene	14.66	165	79810	38.64	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.90	232	63469	42.37	ng/ul#	91
57) Diethylphthalate	15.09	149	266202	37.31	ng/ul	99
59) Fluorene	15.32	166	253475	38.07	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.30	204	127854	39.14	ng/ul	94
61) 4-Nitroaniline	15.36	138	54848	37.08	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.43	198	48543	43.79	ng/ul#	89
65) N-Nitrosodiphenylamine	15.53	169	220326	41.11	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	78455	43.00	ng/ul	91
67) Hexachlorobenzene	16.33	284	85427	42.12	ng/ul	92
68) Atrazine	16.49	200	79262	39.88	ng/ul	98
69) Pentachlorophenol	16.68	266	36386	45.45	ng/ul	99
70) Phenanthrene	17.06	178	393067	39.07	ng/ul	99
72) Anthracene	17.15	178	402972	39.42	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	99558	44.61	ng/uL	100
74) Pentachlorobenzene	14.59	250	99563	43.41	ng/uL	100
75) Carbazole	17.43	167	345323	38.76	ng/ul	99
76) Di-n-butylphthalate	17.98	149	437685	35.40	ng/ul	99
77) Fluoranthene	19.09	202	420976	36.93	ng/ul	99
80) Pyrene	19.45	202	429868	46.64	ng/ul	100
81) Butylbenzylphthalate	20.36	149	167208	41.23	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.14	252	122389	43.08	ng/ul	99
83) Benzo(a)anthracene	21.21	228	359049	39.58	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	230752	38.49	ng/ul	98
85) Chrysene	21.26	228	343650	39.38	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	369527	37.87	ng/ul#	96
88) Benzo(b)fluoranthene	22.77	252	316667	39.53	ng/ul	100
89) Benzo(k)fluoranthene	22.82	252	303327	40.18	ng/ul	100
91) Benzo(a)pyrene	23.34	252	298745	40.13	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.67	276	321325	46.15	ng/ul	99
93) Dibenzo(a,h)anthracene	25.67	278	267143	46.50	ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	272596	47.61	ng/ul	99

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

