

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004524.D
 Acq On : 03 Mar 2016 09:53
 Operator : SJ/UM
 Sample : SSTD00534
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00534

Quant Time: Mar 03 12:34:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 03 12:17:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	23554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	112664	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	74442	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	178781	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	199588	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	173107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	778	1.74	ng/uL	0.00
5) Phenol-d5	6.79	99	8070	4.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	4468	4.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	7570	4.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	7408	4.20	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	3574	4.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	3984	4.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	7647	4.33	ng/ul	0.01
29) 4-Chloroaniline-d4	10.54	131	8728	3.96	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	30526	4.78	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	35849	4.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	2840	2.77	ng/ul	0.02
58) Fluorene-d10	15.26	176	27441	5.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	3815	3.47	ng/ul	0.00
71) Anthracene-d10	17.11	188	43270	4.94	ng/ul	0.00
79) Pyrene-d10	19.42	212	49219	5.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	44178	4.86	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	874	1.70	ng/uL#	62
4) Benzaldehyde	6.75	77	4880	4.57	ng/ul	92
6) Phenol	6.82	94	8639	4.10	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.03	93	7322	4.70	ng/ul	94
10) 2-Chlorophenol	7.17	128	8132	4.59	ng/ul	95
11) 2-Methylphenol	8.06	108	7345	4.28	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	6833	4.56	ng/ul	97
14) Acetophenone	8.42	105	12970	4.69	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.40	70	5728	4.31	ng/ul	95
16) 4-Methylphenol	8.39	108	8089	4.30	ng/ul	94
17) Hexachloroethane	8.66	117	3060	4.55	ng/ul	87
20) Nitrobenzene	8.80	77	7960	4.25	ng/ul	98
21) Isophorone	9.32	82	16996	4.38	ng/ul	99
23) 2-Nitrophenol	9.51	139	4627	4.21	ng/ul	89
24) 2,4-Dimethylphenol	9.58	107	9837	4.48	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.80	93	10618	4.54	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	8054	4.33	ng/ul	98
28) Naphthalene	10.43	128	30618	4.87	ng/ul	99
30) 4-Chloroaniline	10.56	127	9683	4.18	ng/ul	99
31) Hexachlorobutadiene	10.70	225	5743	4.92	ng/ul	97
32) Caprolactam	11.33	113	1902	2.94	ng/ul#	75
33) 4-Chloro-3-methylphenol	11.71	107	9159	4.20	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	22952	4.88	ng/ul	100

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35) 1-Methylnaphthalene	12.27	142	22195	4.96	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	11934	4.82	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	1257	1.36	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.69	196	7007	4.35	ng/ul	96
40) 2,4,5-Trichlorophenol	12.78	196	7655	4.38	ng/ul	98
41) 1,1'-Biphenyl	13.08	154	31570	4.94	ng/ul	99
42) 2-Chloronaphthalene	13.13	162	23242	4.77	ng/ul	98
43) 2-Nitroaniline	13.36	65	4171	3.40	ng/ul	95
45) Dimethylphthalate	13.72	163	32687	4.91	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	5587	4.18	ng/ul	98
48) Acenaphthylene	13.97	152	38961	4.79	ng/ul	99
49) 3-Nitroaniline	14.20	138	4682	3.53	ng/ul#	94
50) Acenaphthene	14.32	153	27583	4.97	ng/ul	95
51) 2,4-Dinitrophenol	14.45	184	1024	1.69	ng/ul#	57
53) 4-Nitrophenol	14.55	109	2526	3.29	ng/ul	89
54) Dibenzofuran	14.66	168	38644	4.98	ng/ul	95
55) 2,4-Dinitrotoluene	14.66	165	8787	4.41	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	14.90	232	6514	4.50	ng/ul#	94
57) Diethylphthalate	15.09	149	33436	4.85	ng/ul	99
59) Fluorene	15.31	166	32518	5.06	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.30	204	16473	5.22	ng/ul	92
61) 4-Nitroaniline	15.36	138	5020	3.52	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.43	198	4387	3.71	ng/ul#	95
65) N-Nitrosodiphenylamine	15.53	169	27953	4.89	ng/ul	98
66) 4-Bromophenyl-phenylether	16.20	248	9612	4.94	ng/ul	96
67) Hexachlorobenzene	16.32	284	10758	4.97	ng/ul	95
68) Atrazine	16.48	200	9761	4.60	ng/ul	98
69) Pentachlorophenol	16.69	266	2960	3.46	ng/ul	95
70) Phenanthrene	17.05	178	53830	5.01	ng/ul	99
72) Anthracene	17.14	178	53688	4.92	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	11329	4.76	ng/uL	97
74) Pentachlorobenzene	14.59	250	12438	5.08	ng/uL	99
75) Carbazole	17.43	167	46044	4.84	ng/ul	99
76) Di-n-butylphthalate	17.98	149	57669	4.37	ng/ul	98
77) Fluoranthene	19.09	202	62731	5.16	ng/ul	99
80) Pyrene	19.45	202	67352	5.16	ng/ul	100
81) Butylbenzylphthalate	20.35	149	25954	4.52	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	19218	4.78	ng/ul	97
83) Benzo(a)anthracene	21.21	228	63311	4.93	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	38247	4.51	ng/ul	97
85) Chrysene	21.26	228	61697	5.00	ng/ul	98
87) Di-n-octyl phthalate	22.00	149	61982	4.35	ng/ul#	96
88) Benzo(b)fluoranthene	22.77	252	55311	4.73	ng/ul	100
89) Benzo(k)fluoranthene	22.82	252	57540	5.22	ng/ul	99
91) Benzo(a)pyrene	23.34	252	52469	4.83	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	48514	4.77	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	39285	4.68	ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	40157	4.80	ng/ul	98

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

