

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030915\
 Data File : BM000670.D
 Acq On : 09 Mar 2015 21:19
 Operator : TP/IZ
 Sample : SSTD01054
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01054

Quant Time: Mar 10 03:21:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 10 03:10:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	158854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	664339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	376404	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	780732	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	742729	20.00	ng/ul	0.00
83) Perylene-d12	23.45	264	680410	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11962	4.11	ng/uL	0.00
5) Phenol-d5	6.82	99	111116	10.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	72636	11.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	93480	10.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	89183	10.20	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	40532	9.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	41840	9.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	87888	9.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	42307	5.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	246016	9.71	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	341394	9.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	36783	8.55	ng/ul	0.00
57) Fluorene-d10	15.30	176	246329	9.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	33415	7.97	ng/ul	0.00
70) Anthracene-d10	17.15	188	347522	9.94	ng/ul	0.00
76) Pyrene-d10	19.45	212	355878	10.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	287024	9.60	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	13875	4.12	ng/uL#	82
4) Benzaldehyde	6.80	77	77369	18.67	ng/ul	99
6) Phenol	6.85	94	120089	10.82	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	98564	11.25	ng/ul	98
10) 2-Chlorophenol	7.22	128	96381	10.32	ng/ul	98
11) 2-Methylphenol	8.10	108	88432	10.13	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	176321	10.34	ng/ul	99
14) Acetophenone	8.47	105	145747	10.21	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	67013	10.21	ng/ul	98
16) 4-Methylphenol	8.42	108	100491	10.94	ng/ul	96
17) Hexachloroethane	8.72	117	38028	9.31	ng/ul	96
20) Nitrobenzene	8.85	77	106907	9.66	ng/ul	94
21) Isophorone	9.37	82	177909	9.59	ng/ul#	98
23) 2-Nitrophenol	9.56	139	48081	9.60	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	108393	9.32	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	124998	10.73	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	90245	9.41	ng/ul	95
28) Naphthalene	10.49	128	338190	10.22	ng/ul	100
30) 4-Chloroaniline	10.60	127	48231	5.89	ng/ul	95
31) Hexachlorobutadiene	10.77	225	56791	7.87	ng/ul	96
32) Caprolactam	11.35	113	20047	8.59	ng/ul	89
33) 4-Chloro-3-methylphenol	11.73	107	91523	9.22	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	232847	9.93	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	111584	9.32	ng/ul	96
37) Hexachlorocyclopentadiene	12.46	237	57767	7.66	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	55868	8.77	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	67638	9.16	ng/ul	96
40) 1,1'-Biphenyl	13.13	154	308629	10.35	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	234207	10.18	ng/ul	99
42) 2-Nitroaniline	13.39	65	48282	8.86	ng/ul	99
44) Dimethylphthalate	13.77	163	266660	9.62	ng/ul	98
45) 2,6-Dinitrotoluene	13.89	165	44381	9.03	ng/ul	90
47) Acenaphthylene	14.03	152	376852	10.31	ng/ul	99
48) 3-Nitroaniline	14.22	138	37769	8.40	ng/ul	99
49) Acenaphthene	14.37	153	246181	10.22	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	14425	5.41	ng/ul	93
52) 4-Nitrophenol	14.52	109	27778	5.73	ng/ul	89
53) Dibenzofuran	14.70	168	352900	10.09	ng/ul	97
54) 2,4-Dinitrotoluene	14.68	165	66417	9.27	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.94	232	50942	8.68	ng/ul	99
56) Diethylphthalate	15.13	149	254524	9.39	ng/ul	98
58) Fluorene	15.36	166	284199	10.06	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	137093	9.43	ng/ul	95
60) 4-Nitroaniline	15.38	138	40956	7.73	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	36565	8.34	ng/ul#	87
64) N-Nitrosodiphenylamine	15.57	169	233223	10.52	ng/ul	97
65) 4-Bromophenyl-phenylether	16.25	248	72793	9.34	ng/ul	99
66) Hexachlorobenzene	16.36	284	81282	9.29	ng/ul	97
67) Atrazine	16.52	200	53559	7.33	ng/ul	98
68) Pentachlorophenol	16.71	266	30279	6.73	ng/ul	97
69) Phenanthrene	17.09	178	428043	10.24	ng/ul	100
71) Anthracene	17.19	178	431842	10.22	ng/ul	99
72) Carbazole	17.46	167	373211	10.24	ng/ul	99
73) Di-n-butylphthalate	18.02	149	353353	9.27	ng/ul	100
74) Fluoranthene	19.12	202	439084	9.50	ng/ul	99
77) Pyrene	19.48	202	484404	10.72	ng/ul	99
78) Butylbenzylphthalate	20.39	149	137948	9.17	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.17	252	111162	9.05	ng/ul	98
80) Benzo(a)anthracene	21.23	228	423710	10.16	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	197320	9.07	ng/ul#	96
82) Chrysene	21.29	228	409388	10.28	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	323531	8.13	ng/ul	100
85) Benzo(b)fluoranthene	22.79	252	403395	10.19	ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	372393	9.68	ng/ul	99
88) Benzo(a)pyrene	23.36	252	375814	9.94	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.66	276	404161	9.61	ng/ul	97
90) Dibenzo(a,h)anthracene	25.67	278	336674	9.62	ng/ul	99
91) Benzo(g,h,i)perylene	26.34	276	342718	9.64	ng/ul	99

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

