

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
 Data File : BM002315.D
 Acq On : 10 Aug 2015 14:49
 Operator : UM/IZ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02019

Quant Time: Aug 11 01:28:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 06:58:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	173144	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.77	136	842206	20.00	ng/ul	-0.03
36) Acenaphthene-d10	15.48	164	496683	20.00	ng/ul	-0.02
62) Phenanthrene-d10	18.19	188	1087784	20.00	ng/ul	-0.02
78) Chrysene-d12	22.29	240	1079899	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	860085	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.91	96	30223	8.06	ng/uL	-0.02
5) Phenol-d5	7.99	99	310209	19.81	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	8.18	67	176910	19.13	ng/ul	-0.03
9) 2-Chlorophenol-d4	8.41	132	265890	20.54	ng/ul	-0.02
13) 4-Methylphenol-d8	9.59	113	272746	20.33	ng/ul	-0.02
19) Nitrobenzene-d5	10.09	128	135920	21.53	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.83	143	141197	25.28	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.37	165	265015	21.63	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.89	131	400826	24.65	ng/ul	-0.02
44) Dimethylphthalate-d6	14.86	166	840190	20.55	ng/ul	-0.02
47) Acenaphthylene-d8	15.19	160	1053896	20.48	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.62	143	157763	21.38	ng/ul	-0.01
58) Fluorene-d10	16.46	176	741661	20.73	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	16.55	200	70357	16.46	ng/ul	-0.02
71) Anthracene-d10	18.29	188	1082322	20.50	ng/ul	-0.02
79) Pyrene-d10	20.51	212	1115438	21.30	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.80	264	958630	20.99	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	32261	7.64	ng/uL#	1
4) Benzaldehyde	8.00	77	197279	21.35	ng/ul	97
6) Phenol	8.02	94	317349	19.78	ng/ul	93
8) Bis(2-Chloroethyl)ether	8.28	93	245016	19.83	ng/ul	95
10) 2-Chlorophenol	8.44	128	269939	20.45	ng/ul	94
11) 2-Methylphenol	9.32	108	253526	19.96	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.43	45	400937	18.20	ng/ul	99
14) Acetophenone	9.74	105	411558	20.59	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.70	70	209481	19.52	ng/ul	99
16) 4-Methylphenol	9.65	108	282133	20.29	ng/ul	99
17) Hexachloroethane	10.02	117	99706	19.13	ng/ul	98
20) Nitrobenzene	10.13	77	287492	19.63	ng/ul	93
21) Isophorone	10.66	82	584470	20.00	ng/ul	98
23) 2-Nitrophenol	10.86	139	157398	24.77	ng/ul	90
24) 2,4-Dimethylphenol	10.88	107	310530	19.92	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.13	93	359110	19.86	ng/ul	99
27) 2,4-Dichlorophenol	11.39	162	258435	21.96	ng/ul	97
28) Naphthalene	11.82	128	898863	20.27	ng/ul	99
30) 4-Chloroaniline	11.91	127	394518	24.44	ng/ul	99
31) Hexachlorobutadiene	12.07	225	136198	20.01	ng/ul	98
32) Caprolactam	12.65	113	109804	22.59	ng/ul	84
33) 4-Chloro-3-methylphenol	12.96	107	303857	20.60	ng/ul	96
34) 2-Methylnaphthalene	13.36	142	657595	20.76	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.58	142	651047	20.85	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.71	216	291990	20.48	ng/ul	98
38) Hexachlorocyclopentadiene	13.69	237	136609	16.19	ng/ul	97
39) 2,4,6-Trichlorophenol	13.93	196	207600	23.37	ng/ul	99
40) 2,4,5-Trichlorophenol	14.00	196	226644	22.73	ng/ul	98
41) 1,1'-Biphenyl	14.33	154	858387	20.44	ng/ul	99
42) 2-Chloronaphthalene	14.39	162	650631	20.38	ng/ul	98
43) 2-Nitroaniline	14.57	65	197930	20.45	ng/ul	87
45) Dimethylphthalate	14.91	163	862236	20.67	ng/ul	100
46) 2,6-Dinitrotoluene	15.04	165	182111	23.32	ng/ul	91
48) Acenaphthylene	15.22	152	1090971	20.42	ng/ul	100
49) 3-Nitroaniline	15.37	138	216023	25.56	ng/ul#	89
50) Acenaphthene	15.55	153	736646	20.50	ng/ul	99
51) 2,4-Dinitrophenol	15.56	184	27832	10.32	ng/ul	77
53) 4-Nitrophenol	15.63	109	112587	20.79	ng/ul	94
54) Dibenzofuran	15.87	168	988039	20.60	ng/ul	99
55) 2,4-Dinitrotoluene	15.81	165	259454	23.41	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	16.08	232	183162	24.15	ng/ul	96
57) Diethylphthalate	16.24	149	903207	20.25	ng/ul	99
59) Fluorene	16.51	166	838367	20.72	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.49	204	387266	20.88	ng/ul	95
61) 4-Nitroaniline	16.51	138	223751	22.89	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.56	198	74811	15.58	ng/ul#	88
65) N-Nitrosodiphenylamine	16.69	169	721026	20.22	ng/ul	99
66) 4-Bromophenyl-phenylether	17.37	248	233307	20.52	ng/ul	96
67) Hexachlorobenzene	17.50	284	267215	20.64	ng/ul	99
68) Atrazine	17.60	200	256672	20.68	ng/ul	100
69) Pentachlorophenol	17.83	266	135209	21.28	ng/ul	99
70) Phenanthrene	18.23	178	1276526	20.39	ng/ul	100
72) Anthracene	18.33	178	1321376	20.43	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.30	216	299347	20.23	ng/uL	99
74) Pentachlorobenzene	15.79	250	295789	20.67	ng/uL	99
75) Carbazole	18.57	167	1229200	21.01	ng/ul	100
76) Di-n-butylphthalate	19.07	149	1578794	20.12	ng/ul	100
77) Fluoranthene	20.18	202	1423344	21.48	ng/ul	99
80) Pyrene	20.54	202	1484745	21.27	ng/ul	97
81) Butylbenzylphthalate	21.36	149	698627	20.26	ng/ul	93
82) 3,3'-Dichlorobenzidine	22.17	252	445904	21.50	ng/ul	98
83) Benzo(a)anthracene	22.27	228	1359903	20.63	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	22.12	149	991535	19.88	ng/ul	100
85) Chrysene	22.33	228	1278357	20.46	ng/ul	100
87) Di-n-octyl phthalate	23.13	149	1505756	22.93	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	1210949	22.65	ng/ul	99
89) Benzo(k)fluoranthene	24.20	252	1133250	22.07	ng/ul	99
91) Benzo(a)pyrene	24.86	252	1073600	20.99	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.82	276	1037151	17.69	ng/ul	99
93) Dibenzo(a,h)anthracene	27.83	278	882098	17.76	ng/ul	99
94) Benzo(g,h,i)perylene	28.70	276	857570	17.34	ng/ul	98

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

