Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\SOMO2.2-REGULAR\
Data File : BM002253.D
Acq On : 08 Aug 2015 00:43
Operator : TP/UM
Sample : SSTD08011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08011

Quant Time: Aug 08 03:27:56 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 03:08:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	185165	20.00	ng/ul	0.00
18) Naphthalene-d8	11.80	136	892452	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.50	164	497353	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.22	188	1062646	20.00	ng/ul	0.00
78) Chrysene-d12	22.30	240	1048379	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	1039002	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.93	96	122243	34.65	ng/uL	0.00
5) Phenol-d5	8.02	99	1333094	91.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.22	67	775597	99.00	ng/ul	0.00
9) 2-Chlorophenol-d4	8.44	132	1109151	89.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.62	113	1132789	93.07	ng/ul	0.01
19) Nitrobenzene-d5	10.13	128	544333	83.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.86	143	516976	70.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.40	165	1031828	71.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.92	131	1384568	81.99	ng/ul	0.01
44) Dimethylphthalate-d6	14.89	166	3050556	81.03	ng/ul	0.00
47) Acenaphthylene-d8	15.22	160	3820676	80.53	ng/ul	0.00
52) 4-Nitrophenol-d4	15.66	143	613682	115.94	ng/ul	0.02
58) Fluorene-d10	16.48	176	2591719	78.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.58	200	388780	68.00	ng/ul	0.02
71) Anthracene-d10	18.32	188	3739498	76.45	ng/ul	0.00
79) Pyrene-d10	20.53	212	3803736	74.89	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.84	264	4195664	80.59	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.97	88	129193	36.17	ng/uL#	1
4) Benzaldehyde	8.03	77	751792	98.28	ng/ul	99
6) Phenol	8.06	94	1360267	91.98	ng/ul	99
8) Bis(2-Chloroethyl)ether	8.32	93	1040759	95.23	ng/ul	99
10) 2-Chlorophenol	8.47	128	1120669	90.88	ng/ul	99
11) 2-Methylphenol	9.35	108	1077051	92.30	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.46	45	1831674	141.88	ng/ul	99
14) Acetophenone	9.77	105	1650337	86.33	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.76	70	868597	88.36	ng/ul	98
16) 4-Methylphenol	9.70	108	1169262	91.38	ng/ul	98
17) Hexachloroethane	10.05	117	430729	89.83	ng/ul	100
20) Nitrobenzene	10.17	77	1249553	84.72	ng/ul	97
21) Isophorone	10.70	82	2371035	81.46	ng/ul	99
23) 2-Nitrophenol	10.89	139	582521	74.07	ng/ul	99
24) 2,4-Dimethylphenol	10.92	107	1291271	80.81	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.17	93	1465415	86.06	ng/ul	99
27) 2,4-Dichlorophenol	11.43	162	997303	72.72	ng/ul	99
28) Naphthalene	11.86	128	3581951	82.18	ng/ul	99
30) 4-Chloroaniline	11.95	127	1382225	79.14	ng/ul	99
31) Hexachlorobutadiene	12.11	225	551261	58.94	ng/ul	99
32) Caprolactam	12.72	113	404898m	98.79	ng/ul	
33) 4-Chloro-3-methylphenol	13.00	107	1206892	82.08	ng/ul	100
34) 2-Methylnaphthalene	13.39	142	2525413	76.32	ng/ul	99

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35) 1-Methylnaphthalene	13.61	142	2485381	77.97	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.74	216	1096890	65.96	ng/ul	99
38) Hexachlorocyclopentadiene	13.72	237	678546	87.81	ng/ul	98
39) 2,4,6-Trichlorophenol	13.96	196	707024	69.16	ng/ul	100
40) 2,4,5-Trichlorophenol	14.03	196	788362	72.36	ng/ul	98
41) 1,1'-Biphenyl	14.36	154	3138213	79.67	ng/ul	98
42) 2-Chloronaphthalene	14.42	162	2423584	79.69	ng/ul	99
43) 2-Nitroaniline	14.60	65	818427	102.24	ng/ul	97
45) Dimethylphthalate	14.94	163	3080127	81.70	ng/ul	99
46) 2,6-Dinitrotoluene	15.07	165	669174	87.57	ng/ul	94
48) Acenaphthylene	15.24	152	3983200	81.87	ng/ul	99
49) 3-Nitroaniline	15.40	138	693098	95.90	ng/ul	96
50) Acenaphthene	15.57	153	2675401	83.53	ng/ul	98
51) 2,4-Dinitrophenol	15.59	184	254146	84.80	ng/ul#	1
53) 4-Nitrophenol	15.67	109	442065	99.14	ng/ul	99
54) Dibenzofuran	15.90	168	3562293	78.25	ng/ul	97
55) 2,4-Dinitrotoluene	15.84	165	968218	88.86	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	16.10	232	626763	81.12	ng/ul	99
57) Diethylphthalate	16.27	149	3288908	88.10	ng/ul	99
59) Fluorene	16.54	166	2950116	78.20	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.51	204	1358434	69.72	ng/ul	99
61) 4-Nitroaniline	16.56	138	805210	107.33	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	16.59	198	431146	72.66	ng/ul#	95
65) N-Nitrosodiphenylamine	16.72	169	2570383	79.01	ng/ul	99
66) 4-Bromophenyl-phenylether	17.39	248	838882	70.37	ng/ul	96
67) Hexachlorobenzene	17.52	284	947714	72.98	ng/ul	98
68) Atrazine	17.64	200	934657	77.65	ng/ul	99
69) Pentachlorophenol	17.85	266	520345	143.55	ng/ul	99
70) Phenanthrene	18.26	178	4464446	78.73	ng/ul	99
72) Anthracene	18.35	178	4564827	78.52	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	14.33	216	1113058	66.44	ng/uL	99
74) Pentachlorobenzene	15.81	250	1056023	67.39	ng/uL	99
75) Carbazole	18.60	167	4327324	86.46	ng/ul	98
76) Di-n-butylphthalate	19.10	149	5445017	89.97	ng/ul	98
77) Fluoranthene	20.20	202	4848262	77.16	ng/ul	96
80) Pyrene	20.56	202	4932158	75.06	ng/ul	97
81) Butylbenzylphthalate	21.37	149	2610318	102.00	ng/ul	98
82) 3,3'-Dichlorobenzidine	22.19	252	1475046	77.22	ng/ul	99
83) Benzo(a)anthracene	22.29	228	4718063	78.01	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	22.14	149	3700108	101.18	ng/ul	98
85) Chrysene	22.35	228	4439081	79.47	ng/ul	98
87) Di-n-octyl phthalate	23.16	149	6260646	98.56	ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	4953533	82.09	ng/ul	99
89) Benzo(k)fluoranthene	24.23	252	4581526	77.85	ng/ul	98
91) Benzo(a)pyrene	24.90	252	4620235	79.95	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.89	276	4911604	75.02	ng/ul	96
93) Dibenzo(a,h)anthracene	27.90	278	4121577	74.06	ng/ul	99
94) Benzo(g,h,i)perylene	28.77	276	4112753	75.28	ng/ul	98

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

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