Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\SOMO2.2-REGULAR\
Data File : BM002252.D
Acq On : 08 Aug 2015 00:06
Operator : TP/UM
Sample : SSTD04010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04010

Quant Time: Aug 08 03:13:27 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	168344	20.00	ng/ul	0.00
18) Naphthalene-d8	11.80	136	818485	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.50	164	455613	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.21	188	989383	20.00	ng/ul	0.00
78) Chrysene-d12	22.30	240	1002629	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	1017368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.93	96	57721	18.00	ng/uL	0.00
5) Phenol-d5	8.02	99	615562	46.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.21	67	363010	50.97	ng/ul	0.00
9) 2-Chlorophenol-d4	8.44	132	508900	45.40	ng/ul	0.00
13) 4-Methylphenol-d8	9.62	113	525106	47.45	ng/ul	0.00
19) Nitrobenzene-d5	10.12	128	245450	40.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.86	143	224859	33.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.39	165	478464	36.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.92	131	703419	45.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.89	166	1474419	42.75	ng/ul	0.00
47) Acenaphthylene-d8	15.21	160	1877073	43.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.64	143	278931	57.53	ng/ul	0.00
58) Fluorene-d10	16.47	176	1285755	42.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.57	200	159496	29.96	ng/ul	0.00
71) Anthracene-d10	18.31	188	1878349	41.24	ng/ul	0.00
79) Pyrene-d10	20.53	212	1916002	39.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	2143592	42.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.97	88	63177	19.46	ng/uL#	1
4) Benzaldehyde	8.03	77	397503	57.16	ng/ul	99
6) Phenol	8.05	94	628570	46.75	ng/ul	99
8) Bis(2-Chloroethyl)ether	8.31	93	487389	49.05	ng/ul	99
10) 2-Chlorophenol	8.47	128	515048	45.94	ng/ul	99
11) 2-Methylphenol	9.35	108	497764	46.92	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.46	45	865404	73.73	ng/ul	99
14) Acetophenone	9.77	105	791315	45.53	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.75	70	412131	46.12	ng/ul	99
16) 4-Methylphenol	9.69	108	546227	46.96	ng/ul	97
17) Hexachloroethane	10.05	117	200813	46.07	ng/ul	99
20) Nitrobenzene	10.17	77	576034	42.59	ng/ul	98
21) Isophorone	10.69	82	1117666	41.87	ng/ul	99
23) 2-Nitrophenol	10.89	139	259374	35.96	ng/ul	99
24) 2,4-Dimethylphenol	10.91	107	604106	41.22	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.16	93	694375	44.47	ng/ul	99
27) 2,4-Dichlorophenol	11.42	162	462148	36.74	ng/ul	99
28) Naphthalene	11.85	128	1702164	42.58	ng/ul	100
30) 4-Chloroaniline	11.94	127	696088	43.46	ng/ul	98
31) Hexachlorobutadiene	12.11	225	260025	30.32	ng/ul	98
32) Caprolactam	12.69	113	189543	50.43	ng/ul	95
33) 4-Chloro-3-methylphenol	12.99	107	572573	42.46	ng/ul	99
34) 2-Methylnaphthalene	13.39	142	1212940	39.97	ng/ul	99

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35) 1-Methylnaphthalene	13.60	142	1193005	40.81	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.74	216	524636	34.44	ng/ul	99
38) Hexachlorocyclopentadiene	13.71	237	315646	44.59	ng/ul	99
39) 2,4,6-Trichlorophenol	13.96	196	327786	35.00	ng/ul	100
40) 2,4,5-Trichlorophenol	14.03	196	368157	36.89	ng/ul	98
41) 1,1'-Biphenyl	14.36	154	1529085	42.37	ng/ul	99
42) 2-Chloronaphthalene	14.41	162	1170120	42.00	ng/ul	100
43) 2-Nitroaniline	14.59	65	371400	50.65	ng/ul	97
45) Dimethylphthalate	14.93	163	1500985	43.46	ng/ul	99
46) 2,6-Dinitrotoluene	15.06	165	303994	43.43	ng/ul	97
48) Acenaphthylene	15.24	152	1943017	43.59	ng/ul	100
49) 3-Nitroaniline	15.39	138	346254	52.30	ng/ul	97
50) Acenaphthene	15.57	153	1310332	44.66	ng/ul	99
51) 2,4-Dinitrophenol	15.59	184	98533	35.89	ng/ul#	6
53) 4-Nitrophenol	15.66	109	204432	50.04	ng/ul	97
54) Dibenzofuran	15.89	168	1736154	41.63	ng/ul	99
55) 2,4-Dinitrotoluene	15.83	165	438474	43.93	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	16.10	232	287195	40.58	ng/ul	99
57) Diethylphthalate	16.27	149	1605660	46.95	ng/ul	100
59) Fluorene	16.53	166	1456644	42.15	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.50	204	667467	37.39	ng/ul	98
61) 4-Nitroaniline	16.54	138	380068	55.30	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	179625	32.51	ng/ul	97
65) N-Nitrosodiphenylamine	16.71	169	1270343	41.94	ng/ul	100
66) 4-Bromophenyl-phenylether	17.39	248	406488	36.62	ng/ul	98
67) Hexachlorobenzene	17.52	284	461475	38.17	ng/ul	98
68) Atrazine	17.63	200	462174	41.24	ng/ul	98
69) Pentachlorophenol	17.84	266	232913	69.01	ng/ul	99
70) Phenanthrene	18.26	178	2226018	42.16	ng/ul	100
72) Anthracene	18.34	178	2295428	42.41	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.33	216	535466	34.33	ng/uL	99
74) Pentachlorobenzene	15.81	250	510294	34.98	ng/uL	98
75) Carbazole	18.60	167	2163433	46.43	ng/ul	99
76) Di-n-butylphthalate	19.10	149	2794954	49.60	ng/ul	100
77) Fluoranthene	20.20	202	2479352	42.38	ng/ul	98
80) Pyrene	20.56	202	2572525	40.94	ng/ul	100
81) Butylbenzylphthalate	21.37	149	1290553	52.73	ng/ul	98
82) 3,3'-Dichlorobenzidine	22.19	252	817279	44.74	ng/ul	99
83) Benzo(a)anthracene	22.28	228	2409780	41.66	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	22.14	149	1847490	52.83	ng/ul	99
85) Chrysene	22.34	228	2292640	42.92	ng/ul	99
87) Di-n-octyl phthalate	23.16	149	3159927	50.80	ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	2452575	41.51	ng/ul	99
89) Benzo(k)fluoranthene	24.22	252	2440943	42.36	ng/ul	99
91) Benzo(a)pyrene	24.89	252	2390640	42.25	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.87	276	2782114	43.40	ng/ul	98
93) Dibenzo(a,h)anthracene	27.89	278	2342005	42.98	ng/ul	99
94) Benzo(g,h,i)perylene	28.76	276	2365085	44.21	ng/ul	98

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

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