Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081115\
Data File : BM002320.D
Acq On : 11 Aug 2015 10:44
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Quant Time: Aug 11 12:40:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:34:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	169404	20.00	ng/ul	0.00
18) Naphthalene-d8	11.77	136	806058	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.49	164	446305	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.19	188	946308	20.00	ng/ul	0.00
78) Chrysene-d12	22.29	240	974312	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	951089	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.92	96	30028	8.19	ng/uL	0.00
5) Phenol-d5	8.00	99	299009	19.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.19	67	171132	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	8.41	132	258022	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	9.59	113	254118	19.36	ng/ul	0.00
19) Nitrobenzene-d5	10.10	128	125337	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.83	143	129093	24.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.37	165	244544	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.89	131	358107	23.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.86	166	728641	19.83	ng/ul	0.00
47) Acenaphthylene-d8	15.19	160	935039	20.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.62	143	142745	21.53	ng/ul	0.00
58) Fluorene-d10	16.46	176	644908	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.55	200	96153	25.86	ng/ul	0.00
71) Anthracene-d10	18.29	188	929510	20.24	ng/ul	0.00
79) Pyrene-d10	20.51	212	951998	20.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	1023337	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.96	88	31856	7.71	ng/uL#	2
4) Benzaldehyde	8.00	77	191556	21.19	ng/ul	99
6) Phenol	8.03	94	304339	19.38	ng/ul	93
8) Bis(2-Chloroethyl)ether	8.28	93	238645	19.74	ng/ul	96
10) 2-Chlorophenol	8.45	128	258333	20.00	ng/ul	94
11) 2-Methylphenol	9.32	108	241554	19.44	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.43	45	387730	17.99	ng/ul	99
14) Acetophenone	9.74	105	385342	19.71	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.71	70	194424	18.52	ng/ul	98
16) 4-Methylphenol	9.66	108	264240	19.42	ng/ul	99
17) Hexachloroethane	10.02	117	98144	19.24	ng/ul	97
20) Nitrobenzene	10.14	77	270247	19.28	ng/ul	95
21) Isophorone	10.66	82	527619	18.86	ng/ul	99
23) 2-Nitrophenol	10.86	139	145717	23.96	ng/ul	92
24) 2,4-Dimethylphenol	10.89	107	286376	19.20	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.13	93	335442	19.38	ng/ul	99
27) 2,4-Dichlorophenol	11.40	162	237519	21.08	ng/ul	97
28) Naphthalene	11.83	128	847678	19.97	ng/ul	99
30) 4-Chloroaniline	11.92	127	352274	22.80	ng/ul	98
31) Hexachlorobutadiene	12.08	225	132310	20.31	ng/ul	97
32) Caprolactam	12.65	113	94193	20.25	ng/ul	81
33) 4-Chloro-3-methylphenol	12.96	107	270405	19.15	ng/ul	94
34) 2-Methylnaphthalene	13.37	142	602446	19.87	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.58	142	592995	19.84 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.72	216	265498	20.72 ng/ul	98
38) Hexachlorocyclopentadiene	13.69	237	149924	19.77 ng/ul	98
39) 2,4,6-Trichlorophenol	13.94	196	182939	22.92 ng/ul	100
40) 2,4,5-Trichlorophenol	14.01	196	199034	22.22 ng/ul	98
41) 1,1'-Biphenyl	14.33	154	772625	20.47 ng/ul	99
42) 2-Chloronaphthalene	14.39	162	584774	20.39 ng/ul	99
43) 2-Nitroaniline	14.57	65	169115	19.44 ng/ul	89
45) Dimethylphthalate	14.91	163	746474	19.91 ng/ul	99
46) 2,6-Dinitrotoluene	15.04	165	153194	21.83 ng/ul	95
48) Acenaphthylene	15.22	152	967531	20.16 ng/ul	99
49) 3-Nitroaniline	15.37	138	180826	23.82 ng/ul#	90
50) Acenaphthene	15.55	153	647039	20.04 ng/ul	99
51) 2,4-Dinitrophenol	15.57	184	65216	26.92 ng/ul#	1
53) 4-Nitrophenol	15.64	109	97992	20.14 ng/ul	92
54) Dibenzofuran	15.87	168	864212	20.06 ng/ul	98
55) 2,4-Dinitrotoluene	15.82	165	223617	22.45 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	16.08	232	156483	22.96 ng/ul	97
57) Diethylphthalate	16.24	149	777238	19.39 ng/ul	99
59) Fluorene	16.51	166	731054	20.11 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.49	204	337832	20.27 ng/ul	95
61) 4-Nitroaniline	16.52	138	186269	21.21 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.57	198	107754	25.80 ng/ul#	88
65) N-Nitrosodiphenylamine	16.69	169	622725	20.07 ng/ul	100
66) 4-Bromophenyl-phenylether	17.37	248	200433	20.27 ng/ul	99
67) Hexachlorobenzene	17.50	284	229685	20.39 ng/ul	98
68) Atrazine	17.60	200	221761	20.53 ng/ul	99
69) Pentachlorophenol	17.83	266	125087	22.63 ng/ul	98
70) Phenanthrene	18.24	178	1099559	20.19 ng/ul	100
72) Anthracene	18.33	178	1135895	20.19 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.31	216	270012	20.97 ng/uL	99
74) Pentachlorobenzene	15.79	250	259341	20.83 ng/uL	99
75) Carbazole	18.58	167	1057535	20.77 ng/ul	100
76) Di-n-butylphthalate	19.07	149	1358794	19.90 ng/ul	100
77) Fluoranthene	20.19	202	1217388	21.12 ng/ul	98
80) Pyrene	20.54	202	1268383	20.14 ng/ul	99
81) Butylbenzylphthalate	21.36	149	616335	19.81 ng/ul	94
82) 3,3'-Dichlorobenzidine	22.17	252	432713	23.12 ng/ul	97
83) Benzo(a)anthracene	22.27	228	1203452	20.23 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	22.12	149	901860	20.04 ng/ul	99
85) Chrysene	22.33	228	1139366	20.21 ng/ul	100
87) Di-n-octyl phthalate	23.14	149	1536636	21.16 ng/ul	100
88) Benzo(b)fluoranthene	24.15	252	1185098	20.05 ng/ul	99
89) Benzo(k)fluoranthene	24.20	252	1180693	20.80 ng/ul	99
91) Benzo(a)pyrene	24.87	252	1146246	20.26 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.83	276	1259347	19.42 ng/ul	99
93) Dibenzo(a,h)anthracene	27.84	278	1058548	19.27 ng/ul	99
94) Benzo(g,h,i)perylene	28.72	276	1030793	18.84 ng/ul	99

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

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