Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022117\
Data File : BM008997.D
Acq On : 21 Feb 2017 09:25
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Quant Time: Feb 21 13:54:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 14 00:06:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	224351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	928766	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	676680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1429381	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1741692	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1609615	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	44597	7.65	ng/uL	0.00
5) Phenol-d5	7.06	99	408245	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	310161	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	284455	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	312926	21.03	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	136583	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	149509	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	313790	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	360410	23.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	962109	20.79	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1176059	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	163988	20.12	ng/ul	0.00
57) Fluorene-d10	15.53	176	878170	20.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	171774	20.22	ng/ul	0.00
70) Anthracene-d10	17.39	188	1386427	20.62	ng/ul	0.00
76) Pyrene-d10	19.67	212	1591004	21.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1497946	20.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	47479	7.35	ng/uL#	75
4) Benzaldehyde	7.05	77	343360	22.33	ng/ul	84
6) Phenol	7.08	94	442537	20.66	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.33	93	351439	20.93	ng/ul	83
10) 2-Chlorophenol	7.46	128	291072	20.74	ng/ul#	80
11) 2-Methylphenol	8.33	108	309952	20.93	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	582785	21.67	ng/ul	96
14) Acetophenone	8.73	105	532288	20.57	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.71	70	331843	22.30	ng/ul#	80
16) 4-Methylphenol	8.66	108	333569	20.63	ng/ul	97
17) Hexachloroethane	8.98	117	144459	21.20	ng/ul#	83
20) Nitrobenzene	9.11	77	481956	21.73	ng/ul#	89
21) Isophorone	9.63	82	802812	20.90	ng/ul	95
23) 2-Nitrophenol	9.82	139	162610	21.24	ng/ul#	58
24) 2,4-Dimethylphenol	9.87	107	413434	21.37	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.11	93	461971	20.82	ng/ul	99
27) 2,4-Dichlorophenol	10.35	162	312405	21.00	ng/ul#	91
28) Naphthalene	10.76	128	954288	20.61	ng/ul	97
30) 4-Chloroaniline	10.87	127	371875	23.46	ng/ul	98
31) Hexachlorobutadiene	11.03	225	253482	20.75	ng/ul	97
32) Caprolactam	11.65	113	86414	19.10	ng/ul	83
33) 4-Chloro-3-methylphenol	11.97	107	363015	21.53	ng/ul#	93
34) 2-Methylnaphthalene	12.36	142	720646	20.91	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	455608	20.61 ng/ul#	94
37) Hexachlorocyclopentadiene	12.70	237	294699	20.87 ng/ul	98
38) 2,4,6-Trichlorophenol	12.97	196	266509	21.15 ng/ul	91
39) 2,4,5-Trichlorophenol	13.03	196	288730	21.03 ng/ul	95
40) 1,1'-Biphenyl	13.37	154	961850	20.48 ng/ul	95
41) 2-Chloronaphthalene	13.42	162	751785	20.33 ng/ul	96
42) 2-Nitroaniline	13.63	65	279978	22.32 ng/ul#	83
44) Dimethylphthalate	13.99	163	943591	20.39 ng/ul	99
45) 2,6-Dinitrotoluene	14.12	165	178686	21.22 ng/ul#	77
47) Acenaphthylene	14.26	152	1168107	21.06 ng/ul	98
48) 3-Nitroaniline	14.45	138	182683	21.75 ng/ul#	80
49) Acenaphthene	14.60	153	815690	20.59 ng/ul	98
50) 2,4-Dinitrophenol	14.65	184	112668	18.89 ng/ul#	77
52) 4-Nitrophenol	14.75	109	201385	20.50 ng/ul#	76
53) Dibenzofuran	14.94	168	1183259	20.12 ng/ul	93
54) 2,4-Dinitrotoluene	14.90	165	276175	21.54 ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.16	232	269196	21.12 ng/ul#	91
56) Diethylphthalate	15.36	149	978104	20.58 ng/ul	98
58) Fluorene	15.59	166	989287	20.53 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.58	204	534648	20.61 ng/ul	98
60) 4-Nitroaniline	15.62	138	200858	20.69 ng/ul#	39
63) 4,6-Dinitro-2-methylphenol	15.66	198	178735	19.53 ng/ul	87
64) N-Nitrosodiphenylamine	15.80	169	840433	20.69 ng/ul	97
65) 4-Bromophenyl-phenylether	16.47	248	338652	21.19 ng/ul	95
66) Hexachlorobenzene	16.59	284	364957	20.25 ng/ul	94
67) Atrazine	16.74	200	330962	20.55 ng/ul	98
68) Pentachlorophenol	16.93	266	207466	19.26 ng/ul	92
69) Phenanthrene	17.33	178	1597107	20.59 ng/ul	98
71) Anthracene	17.42	178	1637315	20.65 ng/ul	97
72) Carbazole	17.69	167	1428484	20.24 ng/ul	97
73) Di-n-butylphthalate	18.24	149	1680620	21.25 ng/ul#	97
74) Fluoranthene	19.34	202	1947774	20.60 ng/ul#	93
77) Pyrene	19.70	202	2016614	21.07 ng/ul#	94
78) Butylbenzylphthalate	20.59	149	759728	22.48 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.37	252	701325	21.25 ng/ul	97
80) Benzo(a)anthracene	21.44	228	2056993	20.86 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.35	149	1121750	22.59 ng/ul	96
82) Chrysene	21.50	228	1932931	20.41 ng/ul	99
84) Di-n-octyl phthalate	22.26	149	1892486	21.33 ng/ul#	90
85) Benzo(b)fluoranthene	23.09	252	1960748	20.37 ng/ul#	97
86) Benzo(k)fluoranthene	23.14	252	1872357	20.46 ng/ul#	98
88) Benzo(a)pyrene	23.70	252	1878884	20.55 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.20	276	2036921	20.23 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.21	278	1731901	19.97 ng/ul#	97
91) Benzo(g,h,i)perylene	26.94	276	1656295	19.58 ng/ul#	93

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

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