Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012660.D
Acq On : 02 Nov 2017 05:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02081

Manual Integrations APPROVED
Sohil
11/2/2017 5:23:56 PM

Quant Time: Nov 02 14:08:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 07:23:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	346286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1547455	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	889949	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1581708	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1890274	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1644971	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	56633	8.35	ng/uL	0.00
5) Phenol-d5	7.01	99	606962	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	345546	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	468569	21.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	501074	20.27	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	237528	24.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	274212	27.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	549833	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	647552	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1511380	19.44	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1892580	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	252291	21.83	ng/ul	0.00
57) Fluorene-d10	15.47	176	1230451	18.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	174300	22.77	ng/ul	0.00
70) Anthracene-d10	17.32	188	1550466	20.57	ng/ul	0.00
76) Pyrene-d10	19.61	212	1787187	20.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1591470	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	62358	8.613	ng/uL#	70
4) Benzaldehyde	6.99	77	398743	25.349	ng/ul	92
6) Phenol	7.04	94	628542	20.868	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.26	93	456885	20.627	ng/ul	97
10) 2-Chlorophenol	7.41	128	478540	21.583	ng/ul	98
11) 2-Methylphenol	8.29	108	462358	20.359	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.37	45	521716	21.437	ng/ul#	83
14) Acetophenone	8.66	105	768523	19.784	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.65	70	405668	19.136	ng/ul#	62
16) 4-Methylphenol	8.61	108	504405	20.293	ng/ul	92
17) Hexachloroethane	8.92	117	193174	20.559	ng/ul	88
20) Nitrobenzene	9.04	77	598687	21.445	ng/ul	94
21) Isophorone	9.56	82	1108286	18.758	ng/ul	95
23) 2-Nitrophenol	9.75	139	288553	26.010	ng/ul#	77
24) 2,4-Dimethylphenol	9.81	107	606156	19.421	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.05	93	661046	19.909	ng/ul	95
27) 2,4-Dichlorophenol	10.28	162	534163	20.702	ng/ul#	88
28) Naphthalene	10.68	128	1587357	20.688	ng/ul	100
30) 4-Chloroaniline	10.79	127	652419	23.231	ng/ul	93
31) Hexachlorobutadiene	10.96	225	369962	18.689	ng/ul	96
32) Caprolactam	11.57	113	176481m	21.119	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	549847	18.968	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	1142690	18.339	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	673906	21.383 ng/ul	96
37) Hexachlorocyclopentadiene	12.64	237	184365	9.059 ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	449998	23.845 ng/ul	98
39) 2,4,5-Trichlorophenol	12.98	196	464710	23.232 ng/ul	99
40) 1,1'-Biphenyl	13.30	154	1516330	21.357 ng/ul	99
41) 2-Chloronaphthalene	13.34	162	1203884	21.615 ng/ul	100
42) 2-Nitroaniline	13.55	65	334213	25.803 ng/ul	87
44) Dimethylphthalate	13.93	163	1495877	19.451 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	315790	25.840 ng/ul	88
47) Acenaphthylene	14.20	152	1834916	20.906 ng/ul	99
48) 3-Nitroaniline	14.38	138	303014	26.461 ng/ul	89
49) Acenaphthene	14.54	153	1229532	20.452 ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	98543	14.365 ng/ul	92
52) 4-Nitrophenol	14.70	109	214621	18.303 ng/ul#	76
53) Dibenzofuran	14.87	168	1761184	19.797 ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	451624	24.674 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.10	232	412036	22.256 ng/ul	98
56) Diethylphthalate	15.29	149	1406532	17.941 ng/ul	96
58) Fluorene	15.52	166	1419182	18.861 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	747540	18.259 ng/ul	98
60) 4-Nitroaniline	15.54	138	326974	22.778 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.61	198	188719	22.416 ng/ul#	85
64) N-Nitrosodiphenylamine	15.73	169	1197051	26.042 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	401016	21.164 ng/ul	95
66) Hexachlorobenzene	16.53	284	454939	21.706 ng/ul	99
67) Atrazine	16.68	200	391707	19.817 ng/ul	92
68) Pentachlorophenol	16.87	266	259448	22.634 ng/ul	97
69) Phenanthrene	17.26	178	1756306	20.533 ng/ul	99
71) Anthracene	17.35	178	1846925	20.891 ng/ul	99
72) Carbazole	17.62	167	1585444	21.650 ng/ul	99
73) Di-n-butylphthalate	18.18	149	1886903	20.205 ng/ul#	98
74) Fluoranthene	19.27	202	2231704	23.026 ng/ul#	94
77) Pyrene	19.63	202	2292027	21.322 ng/ul#	91
78) Butylbenzylphthalate	20.53	149	893585	21.099 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.31	252	867024	20.900 ng/ul	96
80) Benzo(a)anthracene	21.38	228	2366105	20.903 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.30	149	1320788	20.498 ng/ul	99
82) Chrysene	21.43	228	2109693	20.963 ng/ul	100
84) Di-n-octyl phthalate	22.20	149	2289048	26.827 ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	2134576	20.992 ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	2128436	22.239 ng/ul#	98
88) Benzo(a)pyrene	23.59	252	1945282	20.064 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.02	276	2038643	17.866 ng/ul#	95
90) Dibenzo(a,h)anthracene	26.03	278	1726895	17.852 ng/ul#	96
91) Benzo(g,h,i)perylene	26.73	276	1655666	17.904 ng/ul#	96

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

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