Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013998.D
Acq On : 30 Jan 2018 15:34
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
Sohil
1/30/2018 6:08:22 PM

Quant Time: Jan 30 16:29:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	73045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	282477	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	195933	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	514982	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	635387	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	631172	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	12095	6.54	ng/uL	0.00
5) Phenol-d5	6.76	99	100541	17.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	63313	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	87441	19.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	83113	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	42774	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	46048	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	94547	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	101381	26.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	335127	20.75	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	428113	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	43062	16.41	ng/ul	0.00
57) Fluorene-d10	15.22	176	320154	22.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	56582	18.25	ng/ul	0.00
70) Anthracene-d10	17.07	188	517180	20.62	ng/ul	0.00
76) Pyrene-d10	19.38	212	621253	21.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	608625	20.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	14264	7.046	ng/uL#	66
4) Benzaldehyde	6.73	77	80182	20.662	ng/ul	91
6) Phenol	6.79	94	100376	17.847	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.00	93	77177	17.536	ng/ul	97
10) 2-Chlorophenol	7.14	128	85765	18.833	ng/ul	99
11) 2-Methylphenol	8.02	108	78173	18.855	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.10	45	74861	16.717	ng/ul#	71
14) Acetophenone	8.39	105	141699	19.864	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	71445	20.529	ng/ul#	74
16) 4-Methylphenol	8.35	108	86544	19.522	ng/ul	99
17) Hexachloroethane	8.62	117	46176	20.831	ng/ul	85
20) Nitrobenzene	8.77	77	119625	21.127	ng/ul	99
21) Isophorone	9.29	82	189952	20.763	ng/ul#	91
23) 2-Nitrophenol	9.47	139	51495	21.334	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	111300	21.871	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.77	93	112610	20.191	ng/ul	95
27) 2,4-Dichlorophenol	10.00	162	87262	20.237	ng/ul#	85
28) Naphthalene	10.39	128	296833	21.122	ng/ul	99
30) 4-Chloroaniline	10.52	127	97675	25.375	ng/ul	90
31) Hexachlorobutadiene	10.67	225	86400	24.410	ng/ul	96
32) Caprolactam	11.30	113	25745m	21.462	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	96062	21.976	ng/ul	92
34) 2-Methylnaphthalene	12.02	142	222776	21.262	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	150459	20.724 ng/ul	98
37) Hexachlorocyclopentadiene	12.36	237	43598	14.465 ng/ul	94
38) 2,4,6-Trichlorophenol	12.65	196	89140	21.212 ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	90690	20.740 ng/ul	93
40) 1,1'-Biphenyl	13.05	154	314650	19.293 ng/ul	97
41) 2-Chloronaphthalene	13.09	162	254571	19.968 ng/ul	97
42) 2-Nitroaniline	13.32	65	76617	21.786 ng/ul	95
44) Dimethylphthalate	13.69	163	323293	20.362 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	63769	20.726 ng/ul#	86
47) Acenaphthylene	13.94	152	383401	20.349 ng/ul	99
48) 3-Nitroaniline	14.16	138	47481	19.622 ng/ul	96
49) Acenaphthene	14.29	153	269075	20.620 ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	22586	12.806 ng/ul#	84
52) 4-Nitrophenol	14.47	109	51388	19.276 ng/ul#	73
53) Dibenzofuran	14.63	168	413922	21.086 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	99244	22.127 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	14.86	232	99061	24.085 ng/ul	96
56) Diethylphthalate	15.06	149	352126	22.038 ng/ul	94
58) Fluorene	15.27	166	343139	21.339 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	197874	22.773 ng/ul	98
60) 4-Nitroaniline	15.33	138	55772	19.699 ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.38	198	56774	17.352 ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	304550	20.107 ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	124292	20.435 ng/ul	92
66) Hexachlorobenzene	16.28	284	136930	20.914 ng/ul#	91
67) Atrazine	16.46	200	132360	21.896 ng/ul	97
68) Pentachlorophenol	16.63	266	60135	17.284 ng/ul	91
69) Phenanthrene	17.02	178	588516	20.559 ng/ul	99
71) Anthracene	17.11	178	600914	20.352 ng/ul	98
72) Carbazole	17.39	167	489393	20.080 ng/ul	98
73) Di-n-butylphthalate	17.95	149	599146	20.902 ng/ul	98
74) Fluoranthene	19.04	202	741025	21.686 ng/ul#	97
77) Pyrene	19.41	202	781382	20.229 ng/ul#	96
78) Butylbenzylphthalate	20.33	149	284587	20.915 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.11	252	239996	22.832 ng/ul	96
80) Benzo(a)anthracene	21.17	228	795239	20.713 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	406535	19.914 ng/ul	99
82) Chrysene	21.22	228	738137	20.957 ng/ul	99
84) Di-n-octyl phthalate	21.97	149	703192	18.487 ng/ul	98
85) Benzo(b)fluoranthene	22.71	252	800279	20.646 ng/ul	96
86) Benzo(k)fluoranthene	22.76	252	800620	21.369 ng/ul#	97
88) Benzo(a)pyrene	23.27	252	765574	20.907 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.54	276	869197	20.109 ng/ul	98
90) Dibenzo(a,h)anthracene	25.55	278	738806	20.241 ng/ul#	99
91) Benzo(g,h,i)perylene	26.20	276	707718	19.894 ng/ul	97

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

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