Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014492.D
Acq On : 06 Mar 2018 09:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02034

Manual Integrations APPROVED
Sohil
3/6/2018 5:49:14 PM

Quant Time: Mar 06 13:01:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	112247	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	407821	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.17	164	227237	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	486222	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	430856	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	399176	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	15836	6.04	ng/uL	0.00
5) Phenol-d5	6.72	99	169587	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	106744	18.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	142136	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	130053	15.67	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	64443	21.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.39	143	72870	23.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	128094	19.83	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.45	131	133437	20.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	357862	19.07	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	470249	20.32	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.49	143	57445	22.17	ng/ul	0.00
57) Fluorene-d10	15.17	176	305087	18.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	50873	17.44	ng/ul	-0.01
70) Anthracene-d10	17.03	188	459234	19.58	ng/ul	0.00
76) Pyrene-d10	19.34	212	480031	21.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	372455	19.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	17742	6.090	ng/uL#	68
4) Benzaldehyde	6.68	77	79030	20.433	ng/ul	98
6) Phenol	6.75	94	171108	17.188	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.95	93	130605	18.082	ng/ul	92
10) 2-Chlorophenol	7.08	128	139455	18.776	ng/ul	92
11) 2-Methylphenol	7.97	108	123623	16.235	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	130607	17.918	ng/ul#	76
14) Acetophenone	8.33	105	207228	14.470	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.32	70	112395	15.661	ng/ul#	76
16) 4-Methylphenol	8.31	108	123644	14.901	ng/ul	99
17) Hexachloroethane	8.55	117	69017	17.838	ng/ul#	74
20) Nitrobenzene	8.71	77	176801	19.836	ng/ul	96
21) Isophorone	9.23	82	292966	19.216	ng/ul	98
23) 2-Nitrophenol	9.42	139	74963	22.188	ng/ul	93
24) 2,4-Dimethylphenol	9.49	107	160092	19.328	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.71	93	158973	19.796	ng/ul	98
27) 2,4-Dichlorophenol	9.96	162	118127	19.270	ng/ul#	84
28) Naphthalene	10.33	128	421347	20.116	ng/ul	99
30) 4-Chloroaniline	10.47	127	135262	20.837	ng/ul	89
31) Hexachlorobutadiene	10.59	225	93877	19.302	ng/ul	93
32) Caprolactam	11.26	113	35834m	18.251	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	136368	18.410	ng/ul#	91
34) 2-Methylnaphthalene	11.95	142	285227	17.891	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	156212	21.415	ng/ul#	87
37) Hexachlorocyclopentadiene	12.29	237	71954	18.126	ng/ul	91
38) 2,4,6-Trichlorophenol	12.60	196	96004	21.096	ng/ul	96
39) 2,4,5-Trichlorophenol	12.69	196	95412	20.516	ng/ul	93
40) 1,1'-Biphenyl	12.99	154	374162	21.375	ng/ul#	98
41) 2-Chloronaphthalene	13.03	162	293902	21.018	ng/ul	92
42) 2-Nitroaniline	13.27	65	98954	20.914	ng/ul	91
44) Dimethylphthalate	13.64	163	358216	19.358	ng/ul	98
45) 2,6-Dinitrotoluene	13.78	165	74940	21.316	ng/ul#	87
47) Acenaphthylene	13.89	152	441736	20.197	ng/ul	99
48) 3-Nitroaniline	14.12	138	59056	19.819	ng/ul#	84
49) Acenaphthene	14.23	153	306641	19.911	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	24240	12.820	ng/ul#	73
52) 4-Nitrophenol	14.49	109	61803	18.194	ng/ul#	52
53) Dibenzofuran	14.57	168	429893	18.616	ng/ul	91
54) 2,4-Dinitrotoluene	14.59	165	106228	18.859	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	14.82	232	79111	16.821	ng/ul#	73
56) Diethylphthalate	15.02	149	374312	18.153	ng/ul	96
58) Fluorene	15.23	166	350102	17.562	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.23	204	184329	17.677	ng/ul	92
60) 4-Nitroaniline	15.30	138	52480	15.705	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.37	198	52968	17.843	ng/ul	99
64) N-Nitrosodiphenylamine	15.45	169	286576	20.510	ng/ul	98
65) 4-Bromophenyl-phenylether	16.12	248	112209	20.682	ng/ul#	85
66) Hexachlorobenzene	16.24	284	112620	19.739	ng/ul#	79
67) Atrazine	16.42	200	112316	20.354	ng/ul	92
68) Pentachlorophenol	16.60	266	69320	23.186	ng/ul	95
69) Phenanthrene	16.97	178	536904	19.165	ng/ul	99
71) Anthracene	17.07	178	542569	19.258	ng/ul	99
72) Carbazole	17.36	167	448343	18.925	ng/ul#	96
73) Di-n-butylphthalate	17.91	149	600620	19.652	ng/ul	98
74) Fluoranthene	19.01	202	608173	18.171	ng/ul#	94
77) Pyrene	19.37	202	603897	21.091	ng/ul#	95
78) Butylbenzylphthalate	20.29	149	263704	22.274	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.08	252	173112	22.853	ng/ul#	99
80) Benzo(a)anthracene	21.14	228	542917	20.190	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.06	149	361271	21.307	ng/ul#	97
82) Chrysene	21.19	228	504385	20.107	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	571757	16.692	ng/ul#	92
85) Benzo(b)fluoranthene	22.69	252	486420	18.199	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	471459	18.553	ng/ul#	98
88) Benzo(a)pyrene	23.24	252	458045	19.178	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	543032	23.430	ng/ul	97
90) Dibenzo(a,h)anthracene	25.51	278	467312	24.266	ng/ul#	97
91) Benzo(g,h,i)perylene	26.17	276	451379	24.041	ng/ul	98

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

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