Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014147.D
Acq On : 03 Feb 2018 11:16
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Manual Integrations APPROVED
Sohil
2/5/2018 3:58:08 PM

Quant Time: Feb 05 06:22:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 04:17:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	103023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	435139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	273528	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	647505	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	711151	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	648814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	15195	6.77	ng/uL	0.00
5) Phenol-d5	6.74	99	143765	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	83891	17.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	126230	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	120725	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	62843	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	68434	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	133915	18.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	127598	20.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	445076	19.61	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	548021	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	50931	16.28	ng/ul	0.00
57) Fluorene-d10	15.20	176	389490	19.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	61419	15.45	ng/ul	0.00
70) Anthracene-d10	17.06	188	617189	19.63	ng/ul	0.00
76) Pyrene-d10	19.37	212	696153	20.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	632050	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	15121	6.133	ng/uL#	72
4) Benzaldehyde	6.72	77	62793	16.907	ng/ul	95
6) Phenol	6.77	94	143297	18.498	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	113969	18.924	ng/ul	95
10) 2-Chlorophenol	7.12	128	124790	20.169	ng/ul	95
11) 2-Methylphenol	8.00	108	111769	18.736	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.08	45	116070	19.188	ng/ul#	74
14) Acetophenone	8.37	105	205452	18.771	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.36	70	106760	19.070	ng/ul#	71
16) 4-Methylphenol	8.33	108	118840	18.643	ng/ul	88
17) Hexachloroethane	8.60	117	64509	19.989	ng/ul	81
20) Nitrobenzene	8.75	77	170516	19.317	ng/ul	98
21) Isophorone	9.27	82	284040	19.115	ng/ul	96
23) 2-Nitrophenol	9.45	139	69699	19.501	ng/ul#	87
24) 2,4-Dimethylphenol	9.52	107	155725	19.322	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.75	93	164438	20.089	ng/ul	95
27) 2,4-Dichlorophenol	9.99	162	133635	19.665	ng/ul#	88
28) Naphthalene	10.37	128	418048	19.084	ng/ul	100
30) 4-Chloroaniline	10.50	127	125493	19.755	ng/ul	91
31) Hexachlorobutadiene	10.65	225	111412	18.185	ng/ul	93
32) Caprolactam	11.29	113	36037m	19.314	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	133927	18.814	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	310697	18.785	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	204605	20.486 ng/ul	96
37) Hexachlorocyclopentadiene	12.34	237	81600	15.003 ng/ul	96
38) 2,4,6-Trichlorophenol	12.63	196	125189	21.551 ng/ul	99
39) 2,4,5-Trichlorophenol	12.71	196	124334	20.806 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	428699	20.177 ng/ul	99
41) 2-Chloronaphthalene	13.07	162	358743	20.899 ng/ul	98
42) 2-Nitroaniline	13.30	65	98513	20.202 ng/ul	98
44) Dimethylphthalate	13.67	163	436883	19.964 ng/ul	98
45) 2,6-Dinitrotoluene	13.80	165	87229	20.523 ng/ul	92
47) Acenaphthylene	13.93	152	518720	20.287 ng/ul	97
48) 3-Nitroaniline	14.15	138	61164	19.149 ng/ul#	86
49) Acenaphthene	14.27	153	355860	19.850 ng/ul	97
50) 2,4-Dinitrophenol	14.37	184	26607	11.669 ng/ul#	77
52) 4-Nitrophenol	14.46	109	61841	16.403 ng/ul#	63
53) Dibenzofuran	14.61	168	538594	19.729 ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	129982	20.211 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.84	232	116641	19.363 ng/ul	94
56) Diethylphthalate	15.05	149	444205	19.350 ng/ul	94
58) Fluorene	15.26	166	432711	19.007 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	253375	19.437 ng/ul	96
60) 4-Nitroaniline	15.32	138	59976m	16.708 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.37	198	63982	15.879 ng/ul	94
64) N-Nitrosodiphenylamine	15.48	169	374548	20.049 ng/ul	95
65) 4-Bromophenyl-phenylether	16.16	248	156438	19.330 ng/ul	94
66) Hexachlorobenzene	16.27	284	166110	19.290 ng/ul#	93
67) Atrazine	16.44	200	144911	19.312 ng/ul	92
68) Pentachlorophenol	16.62	266	76980	18.157 ng/ul	96
69) Phenanthrene	17.00	178	714304	19.620 ng/ul	97
71) Anthracene	17.10	178	731085	19.821 ng/ul	99
72) Carbazole	17.38	167	559918	18.612 ng/ul	99
73) Di-n-butylphthalate	17.94	149	741759	19.655 ng/ul	98
74) Fluoranthene	19.03	202	840502	18.556 ng/ul#	95
77) Pyrene	19.40	202	857175	20.199 ng/ul	97
78) Butylbenzylphthalate	20.31	149	332619	19.883 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.10	252	214926	19.394 ng/ul	95
80) Benzo(a)anthracene	21.15	228	858483	19.379 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	483217	19.812 ng/ul	98
82) Chrysene	21.20	228	816282	19.603 ng/ul	98
84) Di-n-octyl phthalate	21.95	149	789996	19.128 ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	839582	20.506 ng/ul	99
86) Benzo(k)fluoranthene	22.74	252	771018m	19.156 ng/ul	
88) Benzo(a)pyrene	23.25	252	758819	19.667 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	847693	20.049 ng/ul	98
90) Dibenzo(a,h)anthracene	25.52	278	720336	20.091 ng/ul	98
91) Benzo(g,h,i)perylene	26.18	276	701610	20.071 ng/ul#	97

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

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