Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014297.D
Acq On : 19 Feb 2018 16:30
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Manual Integrations APPROVED
Sohil
2/20/2018 3:12:25 PM

Quant Time: Feb 20 01:11:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 06:25:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	61987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	307289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	231635	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	620591	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	704148	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	583085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	13996	9.66	ng/uL	0.00
5) Phenol-d5	6.72	99	100391	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	63076	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	83635	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	91249	19.91	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	42000	18.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	45720	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	91914	18.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	109002	22.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	375466	19.63	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	472915	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	42525	16.10	ng/ul	0.00
57) Fluorene-d10	15.19	176	353901	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	66563	17.88	ng/ul	0.00
70) Anthracene-d10	17.04	188	608945	20.34	ng/ul	0.00
76) Pyrene-d10	19.35	212	703058	19.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	568003	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	14569m	9.055	ng/uL	
4) Benzaldehyde	6.70	77	49192	23.030	ng/ul	91
6) Phenol	6.75	94	106025	19.286	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.97	93	78319	19.634	ng/ul#	84
10) 2-Chlorophenol	7.10	128	81234	19.805	ng/ul	97
11) 2-Methylphenol	7.99	108	81473	19.376	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	81492	20.244	ng/ul#	78
14) Acetophenone	8.36	105	156840	19.831	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.34	70	84648	21.358	ng/ul#	80
16) 4-Methylphenol	8.32	108	88137	19.235	ng/ul	98
17) Hexachloroethane	8.58	117	45985	21.522	ng/ul#	73
20) Nitrobenzene	8.73	77	128257	19.097	ng/ul#	89
21) Isophorone	9.25	82	230030	20.024	ng/ul	98
23) 2-Nitrophenol	9.43	139	52977	20.811	ng/ul	91
24) 2,4-Dimethylphenol	9.50	107	128869	20.649	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.73	93	118947	19.657	ng/ul	97
27) 2,4-Dichlorophenol	9.97	162	90356	19.562	ng/ul#	89
28) Naphthalene	10.35	128	313295	19.851	ng/ul	99
30) 4-Chloroaniline	10.49	127	110945	22.682	ng/ul	96
31) Hexachlorobutadiene	10.62	225	78900	21.530	ng/ul	97
32) Caprolactam	11.27	113	29087m	19.661	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	114884	20.584	ng/ul	98
34) 2-Methylnaphthalene	11.97	142	244615	20.363	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	145551	19.575 ng/ul#	94
37) Hexachlorocyclopentadiene	12.32	237	69635	17.209 ng/ul	95
38) 2,4,6-Trichlorophenol	12.61	196	90543	19.518 ng/ul	93
39) 2,4,5-Trichlorophenol	12.69	196	90215	19.030 ng/ul	93
40) 1,1'-Biphenyl	13.01	154	357280	20.023 ng/ul	99
41) 2-Chloronaphthalene	13.05	162	277622	19.477 ng/ul	93
42) 2-Nitroaniline	13.28	65	96688	20.047 ng/ul	93
44) Dimethylphthalate	13.66	163	371069	19.672 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	75866	21.170 ng/ul#	73
47) Acenaphthylene	13.90	152	441630	19.809 ng/ul	100
48) 3-Nitroaniline	14.13	138	55666	18.327 ng/ul#	86
49) Acenaphthene	14.25	153	323617	20.614 ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	29846	15.485 ng/ul#	65
52) 4-Nitrophenol	14.45	109	59813	17.274 ng/ul#	62
53) Dibenzofuran	14.59	168	480485	20.412 ng/ul	90
54) 2,4-Dinitrotoluene	14.59	165	119996	20.898 ng/ul#	49
55) 2,3,4,6-Tetrachlorophenol	14.83	232	97504	20.338 ng/ul#	70
56) Diethylphthalate	15.03	149	441819	21.020 ng/ul	93
58) Fluorene	15.24	166	412651	20.306 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.24	204	219178	20.620 ng/ul	90
60) 4-Nitroaniline	15.30	138	53337m	15.658 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.36	198	68466	18.070 ng/ul#	87
64) N-Nitrosodiphenylamine	15.46	169	350411	19.649 ng/ul	97
65) 4-Bromophenyl-phenylether	16.14	248	138610	20.016 ng/ul#	87
66) Hexachlorobenzene	16.24	284	145881	20.032 ng/ul#	83
67) Atrazine	16.43	200	141536	20.096 ng/ul	99
68) Pentachlorophenol	16.60	266	67717	17.746 ng/ul	97
69) Phenanthrene	16.99	178	712621	19.930 ng/ul	98
71) Anthracene	17.08	178	720467	20.036 ng/ul	99
72) Carbazole	17.36	167	587158	19.419 ng/ul	98
73) Di-n-butylphthalate	17.92	149	810957	20.789 ng/ul	98
74) Fluoranthene	19.02	202	871771	20.407 ng/ul#	94
77) Pyrene	19.38	202	901091	19.256 ng/ul#	93
78) Butylbenzylphthalate	20.29	149	372647	19.260 ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.08	252	203768	16.460 ng/ul#	93
80) Benzo(a)anthracene	21.14	228	854510	19.445 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	560403	20.223 ng/ul#	95
82) Chrysene	21.19	228	796538	19.430 ng/ul	97
84) Di-n-octyl phthalate	21.93	149	885936	17.706 ng/ul#	93
85) Benzo(b)fluoranthene	22.68	252	750167	19.214 ng/ul	97
86) Benzo(k)fluoranthene	22.72	252	762368m	20.538 ng/ul	
88) Benzo(a)pyrene	23.23	252	694449	19.905 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.48	276	656641	19.396 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.49	278	542331	19.279 ng/ul#	97
91) Benzo(g,h,i)perylene	26.14	276	506469	18.467 ng/ul#	96

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

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