Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014316.D
Acq On : 20 Feb 2018 04:55
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 20 06:23:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	67584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	332120	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	262102	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	694302	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	770291	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	627877	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	14614	9.26	ng/uL	0.00
5) Phenol-d5	6.72	99	109982	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	68406	19.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	89027	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	95814	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	46924	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	50942	20.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	109892	20.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	119628	23.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	425782	19.67	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	538499	20.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	49381	16.52	ng/ul	0.00
57) Fluorene-d10	15.19	176	404140	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	76512	18.37	ng/ul	0.00
70) Anthracene-d10	17.04	188	678890	20.27	ng/ul	0.00
76) Pyrene-d10	19.34	212	783275	19.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	622996	20.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	14977	8.538	ng/uL#	69
4) Benzaldehyde	6.70	77	49949	21.448	ng/ul	98
6) Phenol	6.75	94	111654	18.628	ng/ul	88
8) Bis(2-Chloroethyl)ether	6.97	93	83888	19.289	ng/ul#	87
10) 2-Chlorophenol	7.10	128	90759	20.295	ng/ul#	89
11) 2-Methylphenol	7.98	108	84802	18.497	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.05	45	83405	19.004	ng/ul#	65
14) Acetophenone	8.35	105	168298	19.517	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.34	70	92748	21.464	ng/ul#	79
16) 4-Methylphenol	8.31	108	98882	19.793	ng/ul	85
17) Hexachloroethane	8.57	117	49514	21.254	ng/ul#	62
20) Nitrobenzene	8.73	77	151619	20.888	ng/ul	99
21) Isophorone	9.25	82	248554	20.019	ng/ul	99
23) 2-Nitrophenol	9.43	139	54876	19.945	ng/ul	97
24) 2,4-Dimethylphenol	9.50	107	138030	20.463	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.73	93	130151	19.901	ng/ul#	89
27) 2,4-Dichlorophenol	9.96	162	98999	19.831	ng/ul#	84
28) Naphthalene	10.35	128	346004	20.284	ng/ul	98
30) 4-Chloroaniline	10.48	127	115659	21.878	ng/ul	97
31) Hexachlorobutadiene	10.62	225	86396	21.813	ng/ul	97
32) Caprolactam	11.26	113	30510m	19.081	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	131951	21.875	ng/ul	90
34) 2-Methylnaphthalene	11.97	142	269104	20.727	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.35	216	161974	19.252 ng/ul#	94
37) Hexachlorocyclopentadiene	12.32	237	80855	17.659 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.61	196	98507	18.766 ng/ul	96
39) 2,4,5-Trichlorophenol	12.69	196	103532	19.300 ng/ul	97
40) 1,1'-Biphenyl	13.00	154	396005	19.613 ng/ul#	98
41) 2-Chloronaphthalene	13.05	162	316182	19.604 ng/ul	93
42) 2-Nitroaniline	13.28	65	112530	20.620 ng/ul	94
44) Dimethylphthalate	13.65	163	413986	19.396 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	78457	19.348 ng/ul#	58
47) Acenaphthylene	13.90	152	497702	19.729 ng/ul	99
48) 3-Nitroaniline	14.12	138	66101	19.233 ng/ul	99
49) Acenaphthene	14.24	153	352904	19.867 ng/ul	96
50) 2,4-Dinitrophenol	14.34	184	33620	15.416 ng/ul#	75
52) 4-Nitrophenol	14.44	109	70695	18.044 ng/ul#	62
53) Dibenzofuran	14.59	168	546263	20.509 ng/ul#	87
54) 2,4-Dinitrotoluene	14.59	165	133351	20.525 ng/ul#	33
55) 2,3,4,6-Tetrachlorophenol	14.82	232	109397	20.167 ng/ul#	69
56) Diethylphthalate	15.03	149	478945	20.138 ng/ul	94
58) Fluorene	15.24	166	463866	20.173 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.24	204	251055	20.874 ng/ul	93
60) 4-Nitroaniline	15.29	138	66134m	17.158 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.35	198	77028	18.171 ng/ul#	89
64) N-Nitrosodiphenylamine	15.46	169	401922	20.144 ng/ul	99
65) 4-Bromophenyl-phenylether	16.14	248	159308	20.563 ng/ul#	90
66) Hexachlorobenzene	16.24	284	160007	19.640 ng/ul#	79
67) Atrazine	16.43	200	155821	19.775 ng/ul	94
68) Pentachlorophenol	16.60	266	77959	18.261 ng/ul	100
69) Phenanthrene	16.99	178	792072	19.800 ng/ul	97
71) Anthracene	17.07	178	798579	19.850 ng/ul	97
72) Carbazole	17.36	167	661987	19.569 ng/ul#	95
73) Di-n-butylphthalate	17.92	149	901617	20.659 ng/ul	99
74) Fluoranthene	19.02	202	963907	20.168 ng/ul#	95
77) Pyrene	19.38	202	993417	19.406 ng/ul#	95
78) Butylbenzylphthalate	20.29	149	421084	19.894 ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.08	252	244276	18.038 ng/ul#	97
80) Benzo(a)anthracene	21.13	228	958899	19.946 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	594935	19.626 ng/ul#	94
82) Chrysene	21.19	228	906785	20.220 ng/ul	99
84) Di-n-octyl phthalate	21.93	149	943387	17.509 ng/ul	96
85) Benzo(b)fluoranthene	22.67	252	821732	19.546 ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	834015	20.865 ng/ul#	98
88) Benzo(a)pyrene	23.23	252	776805	20.677 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.48	276	744004	20.409 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.48	278	612709	20.227 ng/ul#	98
91) Benzo(g,h,i)perylene	26.13	276	592517	20.063 ng/ul#	95

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

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