Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000568.D
Acq On : 23 Mar 2018 09:22
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02030

Quant Time: Mar 23 17:39:43 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	239028	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	1039867	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	562774	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1188894	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1103780	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	963087	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	49919	7.46	ng/uL	-0.01
5) Phenol-d5	7.55	99	454699	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	259470	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	335716	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	357866	20.60	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	159995	18.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	169435	19.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	313270	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	410852	25.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	891664	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	1152538	19.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	159997	19.38	ng/ul	0.00
57) Fluorene-d10	16.01	176	766549	20.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	113745	16.71	ng/ul	0.00
70) Anthracene-d10	17.85	188	1106207	19.36	ng/ul	0.00
76) Pyrene-d10	20.11	212	1157410	18.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	909216	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	53444	7.417	ng/uL#	84
4) Benzaldehyde	7.53	77	191978	21.115	ng/ul	92
6) Phenol	7.58	94	465537	20.462	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.81	93	362615	20.085	ng/ul	94
10) 2-Chlorophenol	7.97	128	342278	19.882	ng/ul	97
11) 2-Methylphenol	8.85	108	342916	20.552	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.94	45	394689	20.285	ng/ul#	93
14) Acetophenone	9.24	105	546428	21.162	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.22	70	272041	20.144	ng/ul	94
16) 4-Methylphenol	9.19	108	370165	20.722	ng/ul	94
17) Hexachloroethane	9.51	117	139595	19.434	ng/ul#	70
20) Nitrobenzene	9.64	77	407646	19.553	ng/ul	95
21) Isophorone	10.15	82	772936	19.449	ng/ul	98
23) 2-Nitrophenol	10.35	139	184545	19.612	ng/ul	94
24) 2,4-Dimethylphenol	10.40	107	394414	19.458	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	487893	19.438	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	306444	20.132	ng/ul#	94
28) Naphthalene	11.30	128	1072131	19.633	ng/ul	99
30) 4-Chloroaniline	11.40	127	413452	25.303	ng/ul	98
31) Hexachlorobutadiene	11.57	225	166395	19.727	ng/ul	97
32) Caprolactam	12.16	113	115119	20.689	ng/ul	84
33) 4-Chloro-3-methylphenol	12.51	107	373098	20.850	ng/ul	98
34) 2-Methylnaphthalene	12.88	142	732922	20.103	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	326846	19.332 ng/ul#	94
37) Hexachlorocyclopentadiene	13.21	237	183684	20.835 ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	222679	19.417 ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	231817	19.386 ng/ul	96
40) 1,1'-Biphenyl	13.87	154	931635	19.446 ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	716489	19.401 ng/ul	96
42) 2-Nitroaniline	14.12	65	224296	20.046 ng/ul	97
44) Dimethylphthalate	14.47	163	882867	20.075 ng/ul#	99
45) 2,6-Dinitrotoluene	14.60	165	181952	20.531 ng/ul	89
47) Acenaphthylene	14.76	152	1123383	19.550 ng/ul	99
48) 3-Nitroaniline	14.93	138	192867	22.541 ng/ul	93
49) Acenaphthene	15.10	153	767248	19.584 ng/ul	98
50) 2,4-Dinitrophenol	15.14	184	88435	21.151 ng/ul#	76
52) 4-Nitrophenol	15.24	109	129891	20.360 ng/ul	89
53) Dibenzofuran	15.42	168	1055237	19.831 ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	265298	21.116 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.65	232	182365	19.971 ng/ul#	91
56) Diethylphthalate	15.81	149	912063	20.318 ng/ul	96
58) Fluorene	16.07	166	848096	20.057 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.05	204	393651	20.147 ng/ul#	86
60) 4-Nitroaniline	16.08	138	202594	21.076 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.15	198	118560	16.493 ng/ul#	91
64) N-Nitrosodiphenylamine	16.26	169	731940	18.688 ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	234346	19.338 ng/ul#	86
66) Hexachlorobenzene	17.07	284	251300	19.639 ng/ul#	84
67) Atrazine	17.19	200	253094	21.425 ng/ul	96
68) Pentachlorophenol	17.41	266	132823	19.662 ng/ul	98
69) Phenanthrene	17.80	178	1320904	19.285 ng/ul	100
71) Anthracene	17.89	178	1353815	19.277 ng/ul	98
72) Carbazole	18.15	167	1236868	20.538 ng/ul#	97
73) Di-n-butylphthalate	18.67	149	1577557	19.262 ng/ul	99
74) Fluoranthene	19.78	202	1463092	21.497 ng/ul#	82
77) Pyrene	20.14	202	1486208	18.435 ng/ul#	77
78) Butylbenzylphthalate	20.98	149	748289	18.686 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.78	252	392741	18.213 ng/ul#	97
80) Benzo(a)anthracene	21.87	228	1383160	18.807 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	1075653	18.502 ng/ul#	97
82) Chrysene	21.92	228	1281146	18.582 ng/ul	99
84) Di-n-octyl phthalate	22.69	149	1835939	22.648 ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	1248895	20.523 ng/ul#	94
86) Benzo(k)fluoranthene	23.65	252	1160943	19.761 ng/ul#	94
88) Benzo(a)pyrene	24.25	252	1113051	19.434 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.92	276	1055802	17.096 ng/ul#	81
90) Dibenzo(a,h)anthracene	26.93	278	887913	17.258 ng/ul#	91
91) Benzo(g,h,i)perylene	27.71	276	851571	16.593 ng/ul#	87

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

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