Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
Data File : BN002327.D
Acq On : 14 Aug 2018 03:36
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02043

Quant Time: Aug 14 04:13:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 13 23:38:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	163888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	784189	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	483717	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1113385	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1239109	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	1327947	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	28021	8.07	ng/uL	0.00
5) Phenol-d5	6.86	99	309773	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	198077	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	242667	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	251657	20.95	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	127612	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	142421	21.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	258068	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	255900	19.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	856530	21.36	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1046400	21.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	154996	20.45	ng/ul	0.00
57) Fluorene-d10	15.30	176	733261	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	143339	20.22	ng/ul	0.00
70) Anthracene-d10	17.16	188	1142383	21.48	ng/ul	0.00
78) Pyrene-d10	19.46	212	1277070	21.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1470003	21.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	29222	7.867	ng/uL	94
4) Benzaldehyde	6.83	77	212764	20.609	ng/ul	96
6) Phenol	6.88	94	314517	20.552	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.11	93	243335	20.916	ng/ul#	86
10) 2-Chlorophenol	7.25	128	243941	21.169	ng/ul#	89
11) 2-Methylphenol	8.12	108	241787	20.935	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	421825	21.893	ng/ul#	84
14) Acetophenone	8.49	105	416636	21.693	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.48	70	219700	21.679	ng/ul#	85
16) 4-Methylphenol	8.45	108	263816	20.996	ng/ul	97
17) Hexachloroethane	8.75	117	100628	20.847	ng/ul	98
20) Nitrobenzene	8.87	77	317802	21.274	ng/ul	94
21) Isophorone	9.39	82	615727	21.381	ng/ul	98
23) 2-Nitrophenol	9.58	139	147533	21.383	ng/ul#	88
24) 2,4-Dimethylphenol	9.64	107	302801	21.401	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.87	93	363642	21.433	ng/ul	96
27) 2,4-Dichlorophenol	10.10	162	250720	21.466	ng/ul	98
28) Naphthalene	10.50	128	844780	20.938	ng/ul	100
30) 4-Chloroaniline	10.61	127	262200	19.891	ng/ul	100
31) Hexachlorobutadiene	10.79	225	155344	21.128	ng/ul	98
32) Caprolactam	11.37	113	90699	20.671	ng/ul#	53
33) 4-Chloro-3-methylphenol	11.75	107	292055	21.730	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	629608	21.143	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	309530	21.125 ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	172781	19.413 ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	198675	21.058 ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	211672	20.967 ng/ul	99
40) 1,1'-Biphenyl	13.14	154	817054	21.100 ng/ul	98
41) 2-Chloronaphthalene	13.17	162	637335	21.114 ng/ul	98
42) 2-Nitroaniline	13.39	65	209735	21.816 ng/ul#	80
44) Dimethylphthalate	13.77	163	824479	20.965 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	170301	21.433 ng/ul	93
47) Acenaphthylene	14.03	152	998474	21.319 ng/ul	99
48) 3-Nitroaniline	14.22	138	153864	20.352 ng/ul	88
49) Acenaphthene	14.37	153	701167	21.223 ng/ul	97
50) 2,4-Dinitrophenol	14.43	184	85532	17.992 ng/ul#	1
52) 4-Nitrophenol	14.54	109	119456	20.793 ng/ul#	84
53) Dibenzofuran	14.71	168	985984	21.155 ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	261015	21.788 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.95	232	189337	21.479 ng/ul	97
56) Diethylphthalate	15.14	149	856810	21.354 ng/ul	99
58) Fluorene	15.36	166	816287	21.406 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	398454	21.171 ng/ul	96
60) 4-Nitroaniline	15.39	138	206687	21.155 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	151208	20.678 ng/ul#	96
64) N-Nitrosodiphenylamine	15.57	169	705623	21.689 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	246410	21.694 ng/ul	96
66) Hexachlorobenzene	16.37	284	275549	21.737 ng/ul	95
67) Atrazine	16.53	200	253908	21.347 ng/ul	97
68) Pentachlorophenol	16.72	266	138798	19.561 ng/ul	99
69) Phenanthrene	17.10	178	1318613	21.483 ng/ul	100
71) Anthracene	17.19	178	1350329	21.692 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	338237	21.726 ng/uL	98
73) Pentachlorobenzene	14.63	250	320440	21.595 ng/uL	98
74) Carbazole	17.46	167	1210406	21.926 ng/ul	99
75) Di-n-butylphthalate	18.03	149	1471508	21.926 ng/ul	100
76) Fluoranthene	19.12	202	1547692	22.155 ng/ul	99
79) Pyrene	19.49	202	1600504	21.421 ng/ul	100
80) Butylbenzylphthalate	20.40	149	697484	22.032 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	503904	20.406 ng/ul	99
82) Benzo(a)anthracene	21.24	228	1629060	21.460 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.18	149	1043156	21.969 ng/ul	99
84) Chrysene	21.29	228	1523483	21.204 ng/ul	100
86) Di-n-octyl phthalate	22.06	149	1827025	21.649 ng/ul#	93
87) Benzo(b)fluoranthene	22.82	252	1638689	20.587 ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1649816	22.000 ng/ul	99
90) Benzo(a)pyrene	23.38	252	1598416	21.080 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	1914605	21.224 ng/ul	97
92) Dibenzo(a,h)anthracene	25.71	278	1598992	21.203 ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	1584105	21.046 ng/ul	98

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

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