Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002266.D
Acq On : 09 Aug 2018 16:59
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02030

Quant Time: Aug 10 01:06:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 10 01:04:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	265594	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1164649	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	630662	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1228133	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	862421	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	857625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	44516	7.56	ng/uL	0.00
5) Phenol-d5	6.86	99	444239	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	288369	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	363341	18.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	348037	17.28	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	181825	18.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	198571	18.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	356136	18.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	465792	20.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	979439	18.32	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1271232	19.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	149676	14.66	ng/ul	0.00
57) Fluorene-d10	15.32	176	839239	18.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	138159	17.27	ng/ul	0.00
70) Anthracene-d10	17.16	188	1142175	19.07	ng/ul	0.00
78) Pyrene-d10	19.46	212	998384	22.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	875839	18.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	44667	7.560	ng/uL#	90
4) Benzaldehyde	6.84	77	304050	20.495	ng/ul	96
6) Phenol	6.89	94	451898	17.992	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.12	93	356596	18.619	ng/ul#	88
10) 2-Chlorophenol	7.26	128	361130	18.327	ng/ul#	91
11) 2-Methylphenol	8.13	108	336787	17.434	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	577615	18.346	ng/ul#	86
14) Acetophenone	8.50	105	564017	18.446	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.49	70	293243	17.501	ng/ul#	86
16) 4-Methylphenol	8.46	108	368297	17.571	ng/ul	98
17) Hexachloroethane	8.75	117	146211	18.772	ng/ul	99
20) Nitrobenzene	8.88	77	432591	19.479	ng/ul	94
21) Isophorone	9.39	82	793006	17.846	ng/ul	98
23) 2-Nitrophenol	9.58	139	203062	18.173	ng/ul#	89
24) 2,4-Dimethylphenol	9.65	107	404147	18.066	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	485558	18.152	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	338453	17.852	ng/ul	99
28) Naphthalene	10.51	128	1164978	18.934	ng/ul	99
30) 4-Chloroaniline	10.62	127	462580	20.742	ng/ul	100
31) Hexachlorobutadiene	10.79	225	218905	19.483	ng/ul	98
32) Caprolactam	11.37	113	103267	14.654	ng/ul#	54
33) 4-Chloro-3-methylphenol	11.75	107	361492	16.951	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	815181	18.164	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	409190	20.009	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	229903	17.724	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	258303	18.376	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	269022	18.118	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	1034720	19.715	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	806629	19.765	ng/ul	97
42) 2-Nitroaniline	13.40	65	241608	18.413	ng/ul	84
44) Dimethylphthalate	13.78	163	961313	18.359	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	199317	18.010	ng/ul	97
47) Acenaphthylene	14.04	152	1222600	19.150	ng/ul	99
48) 3-Nitroaniline	14.23	138	199513	18.289	ng/ul	94
49) Acenaphthene	14.38	153	839367	19.048	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	90156	13.849	ng/ul#	1
52) 4-Nitrophenol	14.55	109	113696	15.928	ng/ul#	84
53) Dibenzofuran	14.72	168	1160720	18.643	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	275470	17.162	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.95	232	218652	16.770	ng/ul	98
56) Diethylphthalate	15.15	149	946487	17.801	ng/ul	100
58) Fluorene	15.37	166	921561	18.540	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	456310	18.483	ng/ul	93
60) 4-Nitroaniline	15.39	138	199181	15.771	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.46	198	145358	17.551	ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	773254	20.585	ng/ul	97
65) 4-Bromophenyl-phenylether	16.26	248	270956	20.050	ng/ul	91
66) Hexachlorobenzene	16.37	284	292861	19.583	ng/ul	92
67) Atrazine	16.54	200	261267	19.275	ng/ul	98
68) Pentachlorophenol	16.72	266	136692	16.069	ng/ul	98
69) Phenanthrene	17.11	178	1328804	19.266	ng/ul	99
71) Anthracene	17.20	178	1352102	19.249	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	425850	23.254	ng/uL	98
73) Pentachlorobenzene	14.64	250	367406	21.449	ng/uL	97
74) Carbazole	17.47	167	1110268	18.685	ng/ul	99
75) Di-n-butylphthalate	18.04	149	1437646	18.299	ng/ul	100
76) Fluoranthene	19.13	202	1291701	17.648	ng/ul	99
79) Pyrene	19.49	202	1278656	23.105	ng/ul	98
80) Butylbenzylphthalate	20.40	149	508159	19.333	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.19	252	341270	18.662	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1054854	19.203	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	721065	19.374	ng/ul	100
84) Chrysene	21.30	228	977929	19.101	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1122785	19.933	ng/ul#	93
87) Benzo(b)fluoranthene	22.82	252	985639	18.673	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	970472	19.353	ng/ul	99
90) Benzo(a)pyrene	23.39	252	961567	19.172	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	1153175	19.890	ng/ul	99
92) Dibenzo(a,h)anthracene	25.72	278	956033	19.703	ng/ul	100
93) Benzo(g,h,i)perylene	26.39	276	950505	19.511	ng/ul	97

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

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