Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
Data File : BN002091.D
Acq On : 20 Jul 2018 09:33
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
Sohil
7/23/2018 5:46:02 PM

Quant Time: Jul 20 23:53:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 20 02:57:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	244519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1126556	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	688334	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1543445	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1554144	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1365474	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	40664	7.50	ng/uL	0.00
5) Phenol-d5	6.88	99	437697	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	270330	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	351402	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	358574	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	181034	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	202722	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	371694	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	490429	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1152612	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1436517	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	197896	17.75	ng/ul	0.00
57) Fluorene-d10	15.33	176	999234	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	188029	18.70	ng/ul	0.00
70) Anthracene-d10	17.18	188	1530549	20.34	ng/ul	0.00
78) Pyrene-d10	19.48	212	1632432	20.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1479188	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	44453	8.172	ng/uL#	86
4) Benzaldehyde	6.85	77	287215	21.028	ng/ul	97
6) Phenol	6.90	94	443683	19.187	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.13	93	343356	19.473	ng/ul	89
10) 2-Chlorophenol	7.27	128	350700	19.332	ng/ul#	92
11) 2-Methylphenol	8.14	108	339948	19.115	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	540161	18.635	ng/ul#	86
14) Acetophenone	8.51	105	574265	20.400	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.50	70	299769	19.433	ng/ul#	86
16) 4-Methylphenol	8.47	108	373604	19.360	ng/ul	98
17) Hexachloroethane	8.76	117	143262	19.979	ng/ul	100
20) Nitrobenzene	8.89	77	426454	19.852	ng/ul	95
21) Isophorone	9.41	82	830335	19.318	ng/ul	98
23) 2-Nitrophenol	9.59	139	209541	19.387	ng/ul#	90
24) 2,4-Dimethylphenol	9.66	107	433266	20.022	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	492052	19.017	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	364024	19.850	ng/ul	98
28) Naphthalene	10.52	128	1170650	19.669	ng/ul	100
30) 4-Chloroaniline	10.63	127	489358	22.685	ng/ul	99
31) Hexachlorobutadiene	10.81	225	221697	20.399	ng/ul	96
32) Caprolactam	11.39	113	125899m	18.470	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	408809	19.818	ng/ul	100
34) 2-Methylnaphthalene	12.14	142	852185	19.630	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	444190	19.901 ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	266887	18.851 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	299785	19.540 ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	312425	19.278 ng/ul	100
40) 1,1'-Biphenyl	13.16	154	1135339	19.819 ng/ul	98
41) 2-Chloronaphthalene	13.20	162	881311	19.786 ng/ul	97
42) 2-Nitroaniline	13.41	65	277803	19.398 ng/ul	85
44) Dimethylphthalate	13.79	163	1133049	19.826 ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	242039	20.038 ng/ul	98
47) Acenaphthylene	14.05	152	1383869	19.860 ng/ul	99
48) 3-Nitroaniline	14.24	138	238340	20.018 ng/ul	91
49) Acenaphthene	14.39	153	945818	19.665 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	118080	16.619 ng/ul#	1
52) 4-Nitrophenol	14.56	109	159813	20.513 ng/ul#	88
53) Dibenzofuran	14.73	168	1340279	19.723 ng/ul	95
54) 2,4-Dinitrotoluene	14.70	165	351409	20.059 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.96	232	277110	19.473 ng/ul	96
56) Diethylphthalate	15.16	149	1151437	19.841 ng/ul	100
58) Fluorene	15.38	166	1093783	20.161 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.38	204	552960	20.521 ng/ul	93
60) 4-Nitroaniline	15.40	138	266755	19.352 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	195527	18.786 ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	942436	19.963 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	339840	20.010 ng/ul	92
66) Hexachlorobenzene	16.39	284	377255	20.073 ng/ul	95
67) Atrazine	16.55	200	356324	20.918 ng/ul	98
68) Pentachlorophenol	16.73	266	201934	18.889 ng/ul	99
69) Phenanthrene	17.12	178	1748381	20.171 ng/ul	99
71) Anthracene	17.21	178	1801345	20.405 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	472415	20.527 ng/uL	98
73) Pentachlorobenzene	14.65	250	437265	20.312 ng/uL	100
74) Carbazole	17.49	167	1574846	21.090 ng/ul	98
75) Di-n-butylphthalate	18.05	149	1979931	20.053 ng/ul	100
76) Fluoranthene	19.15	202	2016980	21.927 ng/ul	98
79) Pyrene	19.51	202	2037949	20.435 ng/ul	97
80) Butylbenzylphthalate	20.42	149	915431	19.326 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	653648	19.835 ng/ul	99
82) Benzo(a)anthracene	21.26	228	1971570	19.916 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	1332688	19.870 ng/ul	98
84) Chrysene	21.32	228	1817330	19.698 ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2254723	25.141 ng/ul#	95
87) Benzo(b)fluoranthene	22.85	252	1809705	21.533 ng/ul	99
88) Benzo(k)fluoranthene	22.89	252	1687335	21.134 ng/ul	99
90) Benzo(a)pyrene	23.42	252	1635904	20.486 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.75	276	1600583	17.340 ng/ul	95
92) Dibenzo(a,h)anthracene	25.76	278	1355312	17.543 ng/ul	97
93) Benzo(g,h,i)perylene	26.43	276	1277853	16.474 ng/ul	98

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

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