Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009501.D
Acq On : 31 Jan 2020 07:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02067

Manual Integrations APPROVED
mohammad
2/3/2020 4:08:26 PM

Quant Time: Jan 31 08:17:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 00:47:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	170956	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	749831	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	488581	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.85	188	1021821	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	913901	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	969795	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	31821	7.70	ng/uL	0.00
5) Phenol-d5	6.65	99	298856	19.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	206320	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	231160	20.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	241109	19.98	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	114947	21.07	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	125361	21.92	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.84	165	244460	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	286708	20.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	724712	20.04	ng/ul	-0.01
46) Acenaphthylene-d8	13.77	160	852081	19.85	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	132016	19.62	ng/ul	0.00
57) Fluorene-d10	15.09	176	637033	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	122016	19.72	ng/ul	0.00
70) Anthracene-d10	16.94	188	974331	20.61	ng/ul	0.00
78) Pyrene-d10	19.25	212	1043158	21.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	1020040	20.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	33686	7.322	ng/uL	90
4) Benzaldehyde	6.62	77	125134	15.726	ng/ul	92
6) Phenol	6.68	94	312196	19.657	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.90	93	248535	19.512	ng/ul	97
10) 2-Chlorophenol	7.03	128	236887	20.571	ng/ul	95
11) 2-Methylphenol	7.90	108	234968	20.033	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	586293	17.518	ng/ul	99
14) Acetophenone	8.27	105	382387	19.615	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	209464	19.786	ng/ul	95
16) 4-Methylphenol	8.23	108	254742	19.833	ng/ul	96
17) Hexachloroethane	8.50	117	105805	19.834	ng/ul	98
20) Nitrobenzene	8.63	77	319473	19.917	ng/ul	97
21) Isophorone	9.16	82	575492	20.228	ng/ul	99
23) 2-Nitrophenol	9.34	139	134643	21.371	ng/ul	91
24) 2,4-Dimethylphenol	9.41	107	284953	19.711	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	341189	19.586	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	229077	20.625	ng/ul	98
28) Naphthalene	10.25	128	796766	19.746	ng/ul	99
30) 4-Chloroaniline	10.37	127	287715	20.845	ng/ul	100
31) Hexachlorobutadiene	10.55	225	145055	19.029	ng/ul	99
32) Caprolactam	11.15	113	80378m	21.124	ng/ul	
33) 4-Chloro-3-methylphenol	11.51	107	269739	20.014	ng/ul	94
34) 2-Methylnaphthalene	11.87	142	554082	19.946	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	282353	19.993 ng/ul	98
37) Hexachlorocyclopentadiene	12.23	237	195285	22.699 ng/ul	97
38) 2,4,6-Trichlorophenol	12.50	196	183484	21.020 ng/ul	98
39) 2,4,5-Trichlorophenol	12.58	196	199596	20.783 ng/ul	97
40) 1,1'-Biphenyl	12.91	154	716315	19.362 ng/ul	98
41) 2-Chloronaphthalene	12.95	162	573371	19.628 ng/ul	95
42) 2-Nitroaniline	13.16	65	214296	20.090 ng/ul	96
44) Dimethylphthalate	13.56	163	741278	19.913 ng/ul	99
45) 2,6-Dinitrotoluene	13.67	165	149646	21.128 ng/ul	93
47) Acenaphthylene	13.80	152	908618	19.617 ng/ul	99
48) 3-Nitroaniline	14.00	138	127981	19.354 ng/ul	97
49) Acenaphthene	14.15	153	620622	19.641 ng/ul	95
50) 2,4-Dinitrophenol	14.22	184	78764	19.155 ng/ul	86
52) 4-Nitrophenol	14.33	109	115983	18.620 ng/ul	94
53) Dibenzofuran	14.49	168	857828	19.539 ng/ul	100
54) 2,4-Dinitrotoluene	14.47	165	228718	21.649 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.73	232	171553	20.905 ng/ul#	97
56) Diethylphthalate	14.94	149	773812	20.325 ng/ul	99
58) Fluorene	15.15	166	725984	19.735 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.15	204	353225	19.478 ng/ul	93
60) 4-Nitroaniline	15.17	138	144937	19.411 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.25	198	131466	19.961 ng/ul	95
64) N-Nitrosodiphenylamine	15.36	169	632064	20.891 ng/ul	97
65) 4-Bromophenyl-phenylether	16.05	248	206109	20.013 ng/ul	98
66) Hexachlorobenzene	16.16	284	230126	20.143 ng/ul	99
67) Atrazine	16.33	200	216560	19.563 ng/ul	97
68) Pentachlorophenol	16.50	266	129168	19.451 ng/ul	98
69) Phenanthrene	16.89	178	1161237	20.141 ng/ul	98
71) Anthracene	16.97	178	1194130	20.342 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	278412	19.895 ng/uL	96
73) Pentachlorobenzene	14.42	250	266643	19.600 ng/uL	96
74) Carbazole	17.25	167	1052370	20.940 ng/ul	99
75) Di-n-butylphthalate	17.83	149	1324008	21.565 ng/ul	100
76) Fluoranthene	18.91	202	1377914	20.848 ng/ul	99
79) Pyrene	19.27	202	1431207	21.628 ng/ul	98
80) Butylbenzylphthalate	20.20	149	597628	23.401 ng/ul	99
81) 3,3'-Dichlorobenzidine	20.97	252	358885	18.631 ng/ul	96
82) Benzo(a)anthracene	21.03	228	1327410	21.329 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.00	149	889326	22.958 ng/ul#	98
84) Chrysene	21.09	228	1264845	20.863 ng/ul	97
86) Di-n-octyl phthalate	21.85	149	1512883	21.809 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1293580	21.096 ng/ul	99
88) Benzo(k)fluoranthene	22.59	252	1210924	20.084 ng/ul	98
90) Benzo(a)pyrene	23.07	252	1167529	21.212 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	1383108	20.735 ng/ul	99
92) Dibenzo(a,h)anthracene	25.24	278	1139477	20.248 ng/ul	98
93) Benzo(g,h,i)perylene	25.86	276	1101986	19.862 ng/ul	99

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

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