Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009490.D
Acq On : 31 Jan 2020 00:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02066

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

Quant Time: Jan 31 01:10:06 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	7.46	152	159291	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	676974	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	440494	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	959702	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	859438	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	913547	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	29907	7.77	ng/uL	0.00
5) Phenol-d5	6.65	99	271797	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	191710	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	213190	20.67	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	220258	19.59	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	103406	21.00	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	114857	22.24	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.84	165	217957	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	262496	21.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	680561	20.88	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	801833	20.72	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	125906	20.75	ng/ul	0.00
57) Fluorene-d10	15.09	176	590965	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	116352	20.02	ng/ul	0.00
70) Anthracene-d10	16.95	188	900191	20.27	ng/ul	0.00
78) Pyrene-d10	19.25	212	1014651	21.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	970576	21.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	32826	7.657	ng/uL	93
4) Benzaldehyde	6.62	77	115107	15.525	ng/ul	93
6) Phenol	6.68	94	290240	19.613	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	227376	19.158	ng/ul	98
10) 2-Chlorophenol	7.03	128	215605	20.094	ng/ul	93
11) 2-Methylphenol	7.90	108	214024	19.584	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.99	45	540557	17.334	ng/ul	99
14) Acetophenone	8.27	105	346963	19.101	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	193728	19.639	ng/ul	89
16) 4-Methylphenol	8.23	108	233641	19.522	ng/ul	98
17) Hexachloroethane	8.51	117	96545	19.424	ng/ul	97
20) Nitrobenzene	8.64	77	290137	20.034	ng/ul	98
21) Isophorone	9.16	82	520818	20.277	ng/ul	98
23) 2-Nitrophenol	9.34	139	124219	21.839	ng/ul	94
24) 2,4-Dimethylphenol	9.41	107	264271	20.248	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.65	93	315320	20.049	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	215230	21.463	ng/ul	95
28) Naphthalene	10.25	128	731092	20.068	ng/ul	97
30) 4-Chloroaniline	10.38	127	265426	21.300	ng/ul	100
31) Hexachlorobutadiene	10.55	225	134139	19.491	ng/ul	97
32) Caprolactam	11.15	113	75144m	21.874	ng/ul	
33) 4-Chloro-3-methylphenol	11.51	107	250663	20.600	ng/ul	95
34) 2-Methylnaphthalene	11.88	142	505380	20.151	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	255032	20.030 ng/ul	95
37) Hexachlorocyclopentadiene	12.24	237	178843	23.057 ng/ul	95
38) 2,4,6-Trichlorophenol	12.51	196	169574	21.547 ng/ul	97
39) 2,4,5-Trichlorophenol	12.58	196	179862	20.773 ng/ul	94
40) 1,1'-Biphenyl	12.92	154	670932	20.115 ng/ul	99
41) 2-Chloronaphthalene	12.95	162	526837	20.004 ng/ul	96
42) 2-Nitroaniline	13.17	65	199382	20.733 ng/ul	94
44) Dimethylphthalate	13.56	163	707963	21.094 ng/ul	100
45) 2,6-Dinitrotoluene	13.68	165	139110	21.784 ng/ul	88
47) Acenaphthylene	13.80	152	853014	20.427 ng/ul	99
48) 3-Nitroaniline	14.01	138	114644	19.230 ng/ul	92
49) Acenaphthene	14.16	153	570328	20.019 ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	75790	20.444 ng/ul	82
52) 4-Nitrophenol	14.33	109	107982	19.228 ng/ul	94
53) Dibenzofuran	14.49	168	801072	20.238 ng/ul	97
54) 2,4-Dinitrotoluene	14.48	165	209498	21.995 ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.73	232	162123	21.912 ng/ul#	86
56) Diethylphthalate	14.95	149	722253	21.042 ng/ul	100
58) Fluorene	15.15	166	684439	20.636 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.15	204	330320	20.204 ng/ul	98
60) 4-Nitroaniline	15.18	138	131355	19.513 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.25	198	126561	20.460 ng/ul	100
64) N-Nitrosodiphenylamine	15.37	169	585097	20.590 ng/ul	94
65) 4-Bromophenyl-phenylether	16.05	248	188102	19.447 ng/ul	100
66) Hexachlorobenzene	16.16	284	210386	19.607 ng/ul	97
67) Atrazine	16.33	200	201532	19.384 ng/ul	97
68) Pentachlorophenol	16.50	266	126513	20.284 ng/ul	88
69) Phenanthrene	16.89	178	1107291	20.448 ng/ul	96
71) Anthracene	16.97	178	1127006	20.441 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	255600	19.447 ng/uL	98
73) Pentachlorobenzene	14.42	250	244998	19.175 ng/uL	97
74) Carbazole	17.25	167	988267	20.937 ng/ul	98
75) Di-n-butylphthalate	17.83	149	1254645	21.758 ng/ul	99
76) Fluoranthene	18.91	202	1284708	20.696 ng/ul	99
79) Pyrene	19.27	202	1314860	21.129 ng/ul	100
80) Butylbenzylphthalate	20.20	149	555163	23.116 ng/ul	99
81) 3,3'-Dichlorobenzidine	20.97	252	332241	18.340 ng/ul	99
82) Benzo(a)anthracene	21.04	228	1214208	20.746 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.00	149	832306	22.847 ng/ul#	99
84) Chrysene	21.09	228	1183912	20.766 ng/ul	99
86) Di-n-octyl phthalate	21.85	149	1383971	21.179 ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	1186085	20.534 ng/ul	98
88) Benzo(k)fluoranthene	22.59	252	1198976	21.110 ng/ul	98
90) Benzo(a)pyrene	23.07	252	1090389	21.030 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.24	276	1275464	20.299 ng/ul	99
92) Dibenzo(a,h)anthracene	25.24	278	1071565	20.214 ng/ul	99
93) Benzo(g,h,i)perylene	25.86	276	968092	18.523 ng/ul	97

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

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