Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011531.D
Acq On : 20 Aug 2020 19:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02070

Manual Integrations APPROVED
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8/21/2020 12:51:07 PM

Quant Time: Aug 20 19:35:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 13:39:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	154857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	608252	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	360372	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	750274	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	788123	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	741811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	33038	10.24	ng/uL	0.00
5) Phenol-d5	6.63	99	243846	22.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	125423	22.47	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	212055	21.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	195895	22.03	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	93788	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	108134	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	208524	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	257438	21.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	579997	20.67	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	693268	20.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	97825	20.58	ng/ul	0.00
58) Fluorene-d10	15.06	176	488052	19.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	92916	18.67	ng/ul	0.00
71) Anthracene-d10	16.91	188	736028	20.54	ng/ul	0.00
79) Pyrene-d10	19.22	212	893612	22.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	808363	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	35149	8.453	ng/uL	92
4) Benzaldehyde	6.59	77	155750	21.805	ng/ul	99
6) Phenol	6.65	94	261195	23.395	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.88	93	200395	22.645	ng/ul	97
10) 2-Chlorophenol	7.00	128	222501	21.969	ng/ul	94
11) 2-Methylphenol	7.87	108	187661	21.347	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	110893	23.055	ng/ul	97
14) Acetophenone	8.24	105	312026	21.703	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	140786	22.603	ng/ul#	95
16) 4-Methylphenol	8.20	108	200480	21.537	ng/ul	98
17) Hexachloroethane	8.47	117	94181	20.112	ng/ul	85
20) Nitrobenzene	8.60	77	231773	20.117	ng/ul	98
21) Isophorone	9.12	82	407689	20.108	ng/ul	97
23) 2-Nitrophenol	9.30	139	125024	21.145	ng/ul	95
24) 2,4-Dimethylphenol	9.38	107	238688	21.355	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.61	93	253807	21.105	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	212140	20.849	ng/ul	98
28) Naphthalene	10.22	128	689832	20.322	ng/ul	99
30) 4-Chloroaniline	10.34	127	266395	22.226	ng/ul	99
31) Hexachlorobutadiene	10.50	225	159198	19.211	ng/ul	93
32) Caprolactam	11.12	113	58664m	22.569	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	216251	22.382	ng/ul	97
34) 2-Methylnaphthalene	11.84	142	485310	20.858	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	452997	19.861 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	264543	20.972 ng/ul	99
38) Hexachlorocyclopentadiene	12.19	237	154484	17.874 ng/ul	98
39) 2,4,6-Trichlorophenol	12.47	196	175020	23.708 ng/ul	99
40) 2,4,5-Trichlorophenol	12.55	196	186619	23.280 ng/ul	97
41) 1,1'-Biphenyl	12.88	154	592653	20.491 ng/ul	98
42) 2-Chloronaphthalene	12.92	162	479418	20.486 ng/ul	100
43) 2-Nitroaniline	13.13	65	109312	23.755 ng/ul	99
45) Dimethylphthalate	13.53	163	607633	21.096 ng/ul	98
46) 2,6-Dinitrotoluene	13.65	165	121210	21.493 ng/ul	91
48) Acenaphthylene	13.77	152	725071	20.730 ng/ul	99
49) 3-Nitroaniline	13.97	138	115586	22.404 ng/ul#	98
50) Acenaphthene	14.12	153	498438	20.358 ng/ul	96
51) 2,4-Dinitrophenol	14.19	184	59831	17.762 ng/ul	97
53) 4-Nitrophenol	14.30	109	97926	21.611 ng/ul	91
54) Dibenzofuran	14.46	168	727626	20.492 ng/ul	99
55) 2,4-Dinitrotoluene	14.45	165	178390	21.994 ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	14.70	232	147829	22.088 ng/ul	99
57) Diethylphthalate	14.92	149	576940	20.136 ng/ul	99
59) Fluorene	15.12	166	570429	19.932 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	301585	20.196 ng/ul	99
61) 4-Nitroaniline	15.15	138	117930	22.317 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.22	198	97894	18.154 ng/ul#	98
65) N-Nitrosodiphenylamine	15.34	169	493988	22.011 ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	175513	20.565 ng/ul	95
67) Hexachlorobenzene	16.13	284	199135	20.963 ng/ul	97
68) Atrazine	16.31	200	182544	20.886 ng/ul	94
69) Pentachlorophenol	16.47	266	118343	21.734 ng/ul#	80
70) Phenanthrene	16.86	178	928904	20.874 ng/ul	98
72) Anthracene	16.95	178	944865	20.963 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	258748	21.717 ng/uL	94
74) Pentachlorobenzene	14.38	250	243896	21.362 ng/uL	97
75) Carbazole	17.22	167	804257	21.218 ng/ul	97
76) Di-n-butylphthalate	17.81	149	985994	22.881 ng/ul	100
77) Fluoranthene	18.89	202	1128621	20.726 ng/ul	100
80) Pyrene	19.25	202	1201080	21.656 ng/ul	99
81) Butylbenzylphthalate	20.19	149	463305	24.762 ng/ul	96
82) 3,3'-Dichlorobenzidine	20.96	252	326375	20.766 ng/ul	95
83) Benzo(a)anthracene	21.02	228	1070838	20.423 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.99	149	707799	25.086 ng/ul	99
85) Chrysene	21.07	228	1024841	19.678 ng/ul	98
87) Di-n-octyl phthalate	21.84	149	1161630	23.949 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1007597	19.429 ng/ul	98
89) Benzo(k)fluoranthene	22.57	252	1039032	20.173 ng/ul	94
91) Benzo(a)pyrene	23.05	252	866563	18.135 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.19	276	903214	14.748 ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	717094	13.985 ng/ul	98
94) Benzo(g,h,i)perylene	25.81	276	811553	15.984 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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