Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011428.D
Acq On : 14 Aug 2020 16:00
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV57

Manual Integrations APPROVED
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8/18/2020 1:42:53 PM

Quant Time: Aug 14 16:41:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 15:37:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	162882	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.17	136	605100	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	375847	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	794056	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	951720	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	828531	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	33675	9.92	ng/uL	0.00
5) Phenol-d5	6.63	99	223000	19.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	129457	22.05	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	207895	20.14	ng/ul	-0.01
13) 4-Methylphenol-d8	8.14	113	181850	19.44	ng/ul	-0.01
19) Nitrobenzene-d5	8.56	128	95886	20.45	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.28	143	121591	23.05	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.80	165	226940	22.77	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.32	131	250850	21.05	ng/ul	-0.01
44) Dimethylphthalate-d6	13.49	166	574336	19.63	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	675145	19.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	95483	19.26	ng/ul	0.00
58) Fluorene-d10	15.07	176	513869	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	103490	19.65	ng/ul	0.00
71) Anthracene-d10	16.92	188	739563	19.50	ng/ul	0.00
79) Pyrene-d10	19.23	212	807066	16.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	870438	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	35394	8.092	ng/uL#	92
4) Benzaldehyde	6.59	77	174415	23.215	ng/ul	96
6) Phenol	6.66	94	231237	19.691	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.88	93	178743	19.203	ng/ul	93
10) 2-Chlorophenol	7.00	128	214698	20.154	ng/ul	98
11) 2-Methylphenol	7.88	108	177759	19.224	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.96	45	100638	19.892	ng/ul	97
14) Acetophenone	8.24	105	299720	19.820	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.23	70	137011	20.913	ng/ul	99
16) 4-Methylphenol	8.20	108	191128	19.521	ng/ul	98
17) Hexachloroethane	8.48	117	93306	18.943	ng/ul	91
20) Nitrobenzene	8.60	77	217897	19.011	ng/ul	98
21) Isophorone	9.13	82	397432	19.704	ng/ul	98
23) 2-Nitrophenol	9.31	139	135741	23.077	ng/ul	92
24) 2,4-Dimethylphenol	9.38	107	250685	22.545	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.62	93	257604	21.532	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	214127	21.154	ng/ul	97
28) Naphthalene	10.22	128	651818	19.302	ng/ul	99
30) 4-Chloroaniline	10.35	127	257357	21.583	ng/ul	99
31) Hexachlorobutadiene	10.51	225	149863	18.179	ng/ul	99
32) Caprolactam	11.13	113	48114m	18.607	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	211107	21.964	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	476646	20.592	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	437713	19.291 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	263929	20.062 ng/ul	97
38) Hexachlorocyclopentadiene	12.21	237	190297	21.111 ng/ul	94
39) 2,4,6-Trichlorophenol	12.47	196	157251	20.424 ng/ul	93
40) 2,4,5-Trichlorophenol	12.55	196	169010	20.216 ng/ul	91
41) 1,1'-Biphenyl	12.89	154	615172	20.394 ng/ul	98
42) 2-Chloronaphthalene	12.92	162	471700	19.326 ng/ul	99
43) 2-Nitroaniline	13.14	65	100611	20.964 ng/ul	96
45) Dimethylphthalate	13.54	163	583260	19.416 ng/ul	98
46) 2,6-Dinitrotoluene	13.65	165	126667	21.536 ng/ul	89
48) Acenaphthylene	13.78	152	732286	20.074 ng/ul	98
49) 3-Nitroaniline	13.99	138	110970	20.623 ng/ul	99
50) Acenaphthene	14.13	153	488745	19.140 ng/ul	96
51) 2,4-Dinitrophenol	14.20	184	60205	17.138 ng/ul	96
53) 4-Nitrophenol	14.31	109	87584	18.532 ng/ul	93
54) Dibenzofuran	14.47	168	700570	18.917 ng/ul	98
55) 2,4-Dinitrotoluene	14.45	165	163557	19.335 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.70	232	173492	24.855 ng/ul	100
57) Diethylphthalate	14.92	149	586022	19.610 ng/ul	99
59) Fluorene	15.13	166	584657	19.588 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	305560	19.620 ng/ul	96
61) 4-Nitroaniline	15.16	138	114888	20.847 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.22	198	113404	19.871 ng/ul	92
65) N-Nitrosodiphenylamine	15.35	169	488091	20.549 ng/ul	97
66) 4-Bromophenyl-phenylether	16.03	248	168558	18.661 ng/ul	95
67) Hexachlorobenzene	16.13	284	193864	19.283 ng/ul	97
68) Atrazine	16.32	200	164483	17.782 ng/ul	98
69) Pentachlorophenol	16.48	266	110641	19.199 ng/ul#	76
70) Phenanthrene	16.86	178	883675	18.762 ng/ul	99
72) Anthracene	16.96	178	890198	18.661 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	251508	19.946 ng/uL	91
74) Pentachlorobenzene	14.39	250	231673	19.173 ng/uL#	84
75) Carbazole	17.23	167	769382	19.179 ng/ul	98
76) Di-n-butylphthalate	17.82	149	954667	20.932 ng/ul	99
77) Fluoranthene	18.90	202	1035662	17.970 ng/ul	98
80) Pyrene	19.26	202	1081067	16.142 ng/ul	100
81) Butylbenzylphthalate	20.20	149	412925	18.276 ng/ul	96
82) 3,3'-Dichlorobenzidine	20.97	252	409860	21.595 ng/ul	99
83) Benzo(a)anthracene	21.03	228	1244859	19.661 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	660572	19.388 ng/ul	100
85) Chrysene	21.08	228	1176133	18.701 ng/ul	98
87) Di-n-octyl phthalate	21.85	149	1046552	19.318 ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1143749	19.746 ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	1078671	18.750 ng/ul#	95
91) Benzo(a)pyrene	23.06	252	964159	18.066 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.21	276	1289627	18.853 ng/ul	98
93) Dibenzo(a,h)anthracene	25.22	278	1034518	18.064 ng/ul	98
94) Benzo(g,h,i)perylene	25.83	276	1006924	17.756 ng/ul#	93

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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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