Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053103.D
Acq On : 21 Dec 2018 15:45
Operator : MD\SY
Sample : VN1221MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS02

Manual Integrations APPROVED
MMDadoda
12/22/2018 10:06:42 AM

Quant Time: Dec 21 17:35:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1018135	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1552861	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1382882	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	658805	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	480251	46.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.96%				
35) Dibromofluoromethane	7.59	113	377111	53.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.32%				
50) Toluene-d8	10.09	98	1691649	44.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.84%				
62) 4-Bromofluorobenzene	12.40	95	595980	44.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	192131	18.646	ug/l		99
3) Chloromethane	2.06	50	237925	19.054	ug/l		99
4) Vinyl Chloride	2.19	62	239052	18.903	ug/l		100
5) Bromomethane	2.58	94	151906	17.338	ug/l		99
6) Chloroethane	2.71	64	142293	18.999	ug/l		99
7) Trichlorofluoromethane	3.02	101	307479	19.518	ug/l		99
8) Diethyl Ether	3.42	74	123614	20.799	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	198585	19.771	ug/l		99
10) Methyl Iodide	3.96	142	249516	17.689	ug/l		100
11) Tert butyl alcohol	4.78	59	79558	126.197	ug/l	#	86
12) 1,1-Dichloroethene	3.74	96	189961	19.575	ug/l		98
13) Acrolein	3.61	56	62133	108.694	ug/l		98
14) Allyl chloride	4.33	41	316008	21.023	ug/l		95
15) Acrylonitrile	4.99	53	403174	115.116	ug/l		100
16) Acetone	3.82	43	236742	116.863	ug/l		97
17) Carbon Disulfide	4.06	76	510849	16.142	ug/l		100
18) Methyl Acetate	4.33	43	212418	23.636	ug/l		98
19) Methyl tert-butyl Ether	5.05	73	570178	21.956	ug/l		100
20) Methylene Chloride	4.56	84	218808	19.801	ug/l		97
21) trans-1,2-Dichloroethene	5.05	96	201201	19.298	ug/l		98
22) Diisopropyl ether	5.96	45	678784	21.156	ug/l		98
23) Vinyl Acetate	5.90	43	2061967	111.761	ug/l		98
24) 1,1-Dichloroethane	5.85	63	386281	20.261	ug/l		98
25) 2-Butanone	6.84	43	428443	126.020	ug/l		100
26) 2,2-Dichloropropane	6.83	77	287893	19.781	ug/l		98
27) cis-1,2-Dichloroethene	6.83	96	235467	19.949	ug/l		99
28) Bromochloromethane	7.20	49	170077	20.587	ug/l		96
29) Tetrahydrofuran	7.21	42	309178	121.762	ug/l		99
30) Chloroform	7.37	83	376707	20.113	ug/l		99
31) Cyclohexane	7.66	56	358597	19.411	ug/l		95
32) 1,1,1-Trichloroethane	7.57	97	314214	19.694	ug/l		100
36) 1,1-Dichloropropene	7.80	75	285826	19.177	ug/l		99
37) Ethyl Acetate	6.93	43	203733	24.485	ug/l		99
38) Carbon Tetrachloride	7.78	117	260434	19.063	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	339105	18.729	ug/l		99
40) Benzene	8.04	78	890545	20.087	ug/l		99
41) Methacrylonitrile	7.18	41	104119	21.657	ug/l		97
42) 1,2-Dichloroethane	8.13	62	269686	20.591	ug/l		98
43) Isopropyl Acetate	8.17	43	373120	22.600	ug/l		99
44) Trichloroethene	8.84	130	242069	18.878	ug/l		96
45) 1,2-Dichloropropane	9.12	63	237299	20.549	ug/l		99
46) Dibromomethane	9.21	93	140528	20.890	ug/l		99
47) Bromodichloromethane	9.40	83	282856	19.781	ug/l		99
48) Methyl methacrylate	9.20	41	178466	22.104	ug/l		98
49) 1,4-Dioxane	9.20	88	46134	451.705	ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	987893	122.600	ug/l		100
52) Toluene	10.16	92	551828	20.081	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	292696	19.466	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	342317	19.834	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	203970	21.276	ug/l		99
56) Ethyl methacrylate	10.43	69	279034	21.990	ug/l		97
57) 1,3-Dichloropropane	10.71	76	348250	21.184	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	786316	112.876	ug/l		99
59) 2-Hexanone	10.75	43	679472	124.633	ug/l		99
60) Dibromochloromethane	10.90	129	216392	19.719	ug/l		100
61) 1,2-Dibromoethane	11.01	107	204283	20.982	ug/l		100
64) Tetrachloroethene	10.63	164	259465	17.321	ug/l		98
65) Chlorobenzene	11.44	112	614291	20.039	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	211586	19.849	ug/l		99
67) Ethyl Benzene	11.51	91	1059252	20.093	ug/l		100
68) m/p-Xylenes	11.62	106	851723	42.499	ug/l		99
69) o-Xylene	11.95	106	392870	20.429	ug/l		99
70) Styrene	11.97	104	639953	20.408	ug/l		99
71) Bromoform	12.13	173	152275	19.773	ug/l	#	99
73) Isopropylbenzene	12.25	105	1038873	20.154	ug/l		99
74) N-amyl acetate	12.07	43	323290	22.590	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	247877	24.512	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	220949m	19.923	ug/l		
77) Bromobenzene	12.53	156	324297	24.203	ug/l		80
78) n-propylbenzene	12.59	91	1174172	20.001	ug/l		100
79) 2-Chlorotoluene	12.68	91	697414	19.166	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	837111	19.924	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	67398	19.588	ug/l		97
82) 4-Chlorotoluene	12.77	91	706564	19.835	ug/l		99
83) tert-Butylbenzene	12.99	119	727143	19.569	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	854535	20.232	ug/l		99
85) sec-Butylbenzene	13.17	105	973240	19.364	ug/l		100
86) p-Isopropyltoluene	13.29	119	844810	19.453	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	467286	19.705	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	469122	19.534	ug/l		99
89) n-Butylbenzene	13.62	91	678087	18.149	ug/l		99
90) Hexachloroethane	13.88	117	122634	18.401	ug/l		96
91) 1,2-Dichlorobenzene	13.65	146	449676	20.148	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38603	22.078	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	220834	19.049	ug/l	100
94) Hexachlorobutadiene	15.01	225	136426	20.594	ug/l	98
95) Naphthalene	15.13	128	534222	21.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	206597	19.713	ug/l	99

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

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