Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
Data File : VN065503.D
Acq On : 14 Jan 2021 12:21
Operator : JC/MD
Sample : VN0114WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBS01

Manual Integrations APPROVED
MMDadoda
1/15/2021 1:24:19 PM

Quant Time: Jan 14 12:38:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 14 04:12:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.155	128	45261	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.550	114	239088	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.380	117	220585	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.991	65	84939	30.04	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.13%				
60) 4-Bromofluorobenzene	12.376	95	98694	29.54	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.47%				
63) Toluene-d8	10.058	98	290528	30.09	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.846	85	42331	18.80	ug/l		98
3) Chloromethane	2.055	50	51881	18.61	ug/l		98
4) Vinyl Chloride	2.181	62	55992	18.23	ug/l		99
5) Bromomethane	2.544	94	43177	19.70	ug/l		99
6) Chloroethane	2.689	64	37539	18.80	ug/l		98
7) Trichlorofluoromethane	3.001	101	79065	19.32	ug/l		99
8) Diethyl Ether	3.390	74	31354	18.83	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.724	101	48948	20.14	ug/l		98
10) 1,1-Dichloroethene	3.701	96	48580	19.51	ug/l		99
11) Methyl Iodide	3.914	142	73266	18.65	ug/l		99
12) Methyl Acetate	4.293	43	46531	19.08	ug/l		95
13) Acrolein	3.579	56	40603	98.52	ug/l		100
14) Acrylonitrile	4.949	53	101500	91.90	ug/l		100
15) Acetone	3.788	58	40401	119.29	ug/l		93
16) Carbon Disulfide	4.010	76	112843	18.65	ug/l		99
17) Allyl chloride	4.280	41	66661	18.89	ug/l		99
18) Methylene Chloride	4.509	84	52073	19.28	ug/l		99
19) trans-1,2-Dichloroethene	4.994	96	47889	19.12	ug/l		99
20) Diisopropyl ether	5.917	45	142223	19.24	ug/l		99
21) 1,1-Dichloroethane	5.804	63	84652	19.17	ug/l		100
22) cis-1,2-Dichloroethene	6.785	96	55089	18.99	ug/l		97
23) tert-Butyl Alcohol	4.779	59	32062	93.94	ug/l	#	100
24) Methyl tert-Butyl Ether	5.007	73	137730	18.87	ug/l	#	82
25) Chloroform	7.332	83	87507	19.21	ug/l		98
26) Cyclohexane	7.611	56	69604	18.78	ug/l	#	99
29) 1,1-Dichloropropene	7.753	75	63465	18.67	ug/l		98
30) 2-Butanone	6.801	43	136645	99.72	ug/l		100
31) 2,2-Dichloropropane	6.782	77	69354	19.76	ug/l		99
32) 1,1,1-Trichloroethane	7.528	97	73088	19.02	ug/l		99
33) Carbon Tetrachloride	7.733	117	63344	18.74	ug/l		100
34) Benzene	8.004	78	198738	19.01	ug/l		97
35) Methacrylonitrile	7.129	41	25685	18.05	ug/l		97
36) 1,2-Dichloroethane	8.087	62	66136	19.17	ug/l		99
37) Trichloroethene	8.801	130	59251	19.03	ug/l		99
38) Methylcyclohexane	9.045	83	75127	19.05	ug/l		99
39) 1,2-Dichloropropane	9.087	63	51427	18.95	ug/l		96
40) Dibromomethane	9.174	93	34172	18.80	ug/l		99
41) Bromodichloromethane	9.370	83	65656	18.64	ug/l		99
42) Vinyl Acetate	5.856	43	555642	93.52	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.894	43	54569	18.63	ug/l	96
44) Isopropyl Acetate	8.132	43	90565	18.52	ug/l	99
45) 1,4-Dioxane	9.171	88	13317	382.95	ug/l	97
46) Methyl methacrylate	9.168	41	43804	18.15	ug/l	99
47) n-amyl Acetate	12.045	43	73721	17.43	ug/l	99
48) t-1,3-Dichloropropene	10.354	75	71827	18.39	ug/l	97
49) cis-1,3-Dichloropropene	9.807	75	79956	18.62	ug/l	98
50) 1,1,2-Trichloroethane	10.534	97	50246	18.88	ug/l	98
51) Ethyl methacrylate	10.402	69	66660	17.88	ug/l	98
52) 1,3-Dichloropropane	10.679	76	81853	18.56	ug/l	99
53) Dibromochloromethane	10.872	129	53920	18.30	ug/l	98
54) 1,2-Dibromoethane	10.978	107	52864	18.57	ug/l	99
55) 2-Chloroethyl vinyl ether	9.663	63	150731	92.34	ug/l	99
56) Bromoform	12.100	173	40500	17.65	ug/l	99
58) 4-Methyl-2-Pentanone	9.955	43	274222	93.66	ug/l	99
59) 2-Hexanone	10.724	43	200800	94.80	ug/l	98
61) Tetrachloroethene	10.602	164	70069	19.88	ug/l	99
62) Toluene	10.122	91	220964	19.19	ug/l	99
64) Chlorobenzene	11.405	112	141133	18.85	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.479	131	52966	18.82	ug/l	98
66) Ethyl Benzene	11.483	91	237400	18.86	ug/l	99
67) m/p-Xylenes	11.595	106	187212	38.02	ug/l	100
68) o-Xylene	11.920	106	89621	18.83	ug/l	99
69) Styrene	11.936	104	148872	18.73	ug/l	99
70) Isopropylbenzene	12.222	105	236288	18.99	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.479	83	65344	18.47	ug/l	99
72) 1,2,3-Trichloropropane	12.527	75	65522m	19.51	ug/l	
73) Bromobenzene	12.499	156	67114	18.86	ug/l	98
74) n-propylbenzene	12.566	91	262062	18.80	ug/l	99
75) 2-Chlorotoluene	12.646	91	157588	18.73	ug/l	99
76) 1,3,5-Trimethylbenzene	12.708	105	202186	18.97	ug/l	100
77) t-1,4-Dichloro-2-butene	12.273	75	20545	17.40	ug/l	95
78) 4-Chlorotoluene	12.746	91	158765	18.66	ug/l	98
79) tert-butylbenzene	12.968	119	172788	18.86	ug/l	99
80) 1,2,4-Trimethylbenzene	13.013	105	202728	19.11	ug/l	99
81) sec-Butylbenzene	13.145	105	223442	18.87	ug/l	100
82) p-Isopropyltoluene	13.264	119	208787	18.87	ug/l	99
83) 1,3-Dichlorobenzene	13.257	146	108336	18.37	ug/l	100
84) 1,4-Dichlorobenzene	13.338	146	106728	18.54	ug/l	99
85) n-Butylbenzene	13.589	91	164613	18.81	ug/l	99
86) Hexachloroethane	13.849	117	32517	17.85	ug/l	98
87) 1,2-Dichlorobenzene	13.627	146	107783	18.55	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.244	75	11243	17.79	ug/l	96
89) 1,2,4-Trichlorobenzene	14.881	180	51135	19.79	ug/l	95
90) Hexachlorobutadiene	14.981	225	40139	19.76	ug/l	97
91) Naphthalene	15.103	128	119958	19.94	ug/l	100
92) 1,2,3-Trichlorobenzene	15.283	180	51035	17.31	ug/l	98

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

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