Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
Data File : VN066680.D
Acq On : 20 Apr 2021 14:29
Operator : JC/MD
Sample : VN0420WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01

Manual Integrations APPROVED
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4/21/2021 4:34:53 PM

Quant Time: Apr 21 10:07:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Apr 20 12:52:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.108	128	46905	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.516	114	250030	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.348	117	233317	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.953	65	101310	29.98	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.93%				
60) 4-Bromofluorobenzene	12.346	95	109102	29.83	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.43%				
63) Toluene-d8	10.029	98	324073	30.19	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.63%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.835	85	43805	18.97	ug/l		97
3) Chloromethane	2.034	50	67109	18.68	ug/l		98
4) Vinyl Chloride	2.163	62	64665	18.88	ug/l		99
5) Bromomethane	2.519	94	39842	19.79	ug/l		97
6) Chloroethane	2.659	64	40630	19.44	ug/l		97
7) Trichlorofluoromethane	2.973	101	72712	19.06	ug/l		97
8) Diethyl Ether	3.356	74	32607	19.26	ug/l		92
9) 1,1,2-Trichlorotrifluo...	3.691	101	46902	19.39	ug/l		99
10) 1,1-Dichloroethene	3.673	96	46428	19.04	ug/l		92
11) Methyl Iodide	3.884	142	68202	18.47	ug/l		98
12) Methyl Acetate	4.249	43	62493	18.80	ug/l		98
13) Acrolein	3.547	56	44300	94.25	ug/l		95
14) Acrylonitrile	4.893	53	136610	93.55	ug/l		98
15) Acetone	3.753	58	36764	95.91	ug/l		91
16) Carbon Disulfide	3.984	76	141558	18.83	ug/l		100
17) Allyl chloride	4.247	41	93876	19.43	ug/l		89
18) Methylene Chloride	4.469	84	59982	19.23	ug/l		98
19) trans-1,2-Dichloroethene	4.947	96	51830	18.78	ug/l		99
20) Diisopropyl ether	5.864	45	192478	18.93	ug/l		97
21) 1,1-Dichloroethane	5.756	63	102972	18.84	ug/l		99
22) cis-1,2-Dichloroethene	6.741	96	61163	19.11	ug/l		99
23) tert-Butyl Alcohol	4.702	59	48243	97.05	ug/l	#	100
24) Methyl tert-Butyl Ether	4.955	73	161734	19.02	ug/l		96
25) Chloroform	7.291	83	98594	18.84	ug/l		95
26) Cyclohexane	7.575	56	88183	18.76	ug/l	#	99
29) 1,1-Dichloropropene	7.717	75	71249	18.10	ug/l		98
30) 2-Butanone	6.743	43	171423	90.20	ug/l		99
31) 2,2-Dichloropropane	6.733	77	84941	18.72	ug/l		99
32) 1,1,1-Trichloroethane	7.492	97	82355	18.52	ug/l		99
33) Carbon Tetrachloride	7.696	117	69889	18.62	ug/l		97
34) Benzene	7.966	78	236074	18.61	ug/l		99
35) Methacrylonitrile	7.084	41	27924	15.26	ug/l		99
36) 1,2-Dichloroethane	8.050	62	75392	18.10	ug/l		98
37) Trichloroethene	8.768	130	55014	18.24	ug/l		100
38) Methylcyclohexane	9.015	83	87995	18.75	ug/l		96
39) 1,2-Dichloropropane	9.050	63	65128	18.80	ug/l		98
40) Dibromomethane	9.141	93	37970	18.28	ug/l		99
41) Bromodichloromethane	9.337	83	80151	18.38	ug/l		99
42) Vinyl Acetate	5.805	43	784840	92.13	ug/l		100

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ALS Vial : 10 Sample Multiplier: 1

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43)	Ethyl Acetate	6.840	43	76076	18.20	ug/l	#	86
44)	Isopropyl Acetate	8.090	43	125879	18.05	ug/l	#	89
45)	1,4-Dioxane	9.133	88	18854	371.68	ug/l		99
46)	Methyl methacrylate	9.136	41	56472	17.73	ug/l		92
47)	n-amyl Acetate	12.032	43	19723	22.50	ug/l		92
48)	t-1,3-Dichloropropene	10.321	75	84027	17.64	ug/l		98
49)	cis-1,3-Dichloropropene	9.777	75	96151	18.26	ug/l		91
50)	1,1,2-Trichloroethane	10.501	97	55980	18.33	ug/l		98
51)	Ethyl methacrylate	10.372	69	74320	17.24	ug/l		93
52)	1,3-Dichloropropane	10.646	76	94549	18.19	ug/l		99
53)	Dibromochloromethane	10.842	129	59393	17.99	ug/l		100
54)	1,2-Dibromoethane	10.946	107	54780	17.89	ug/l		100
55)	2-Chloroethyl vinyl ether	9.632	63	53720	81.46	ug/l		99
56)	Bromoform	12.073	173	41141	17.28	ug/l	#	99
58)	4-Methyl-2-Pentanone	9.919	43	362131	91.13	ug/l		99
59)	2-Hexanone	10.694	43	221668	86.78	ug/l		97
61)	Tetrachloroethene	10.571	164	49986	19.41	ug/l		96
62)	Toluene	10.093	91	247659	18.70	ug/l		100
64)	Chlorobenzene	11.375	112	147919	18.67	ug/l		100
65)	1,1,1,2-Tetrachloroethane	11.450	131	56701	19.07	ug/l		100
66)	Ethyl Benzene	11.453	91	259692	18.35	ug/l		98
67)	m/p-Xylenes	11.566	106	198756	37.41	ug/l		98
68)	o-Xylene	11.893	106	95891	18.62	ug/l		99
69)	Styrene	11.909	104	149902	18.10	ug/l		98
70)	Isopropylbenzene	12.193	105	251200	18.67	ug/l		100
71)	1,1,2,2-Tetrachloroethane	12.448	83	82365	18.54	ug/l		96
72)	1,2,3-Trichloropropane	12.499	75	68148m	17.62	ug/l		
73)	Bromobenzene	12.469	156	63360	18.62	ug/l		98
74)	n-propylbenzene	12.537	91	285923	18.31	ug/l		100
75)	2-Chlorotoluene	12.617	91	178187	19.06	ug/l		100
76)	1,3,5-Trimethylbenzene	12.679	105	213581	18.77	ug/l		99
77)	t-1,4-Dichloro-2-butene	12.250	75	18807	15.40	ug/l		95
78)	4-Chlorotoluene	12.719	91	169733	18.52	ug/l		99
79)	tert-butylbenzene	12.936	119	177970	18.68	ug/l		98
80)	1,2,4-Trimethylbenzene	12.984	105	199097	18.24	ug/l		99
81)	sec-Butylbenzene	13.116	105	232782	18.36	ug/l		100
82)	p-Isopropyltoluene	13.234	119	198615	18.31	ug/l		98
83)	1,3-Dichlorobenzene	13.228	146	103638	18.34	ug/l		99
84)	1,4-Dichlorobenzene	13.309	146	95231	17.45	ug/l		94
85)	n-Butylbenzene	13.561	91	157723	17.49	ug/l		98
86)	Hexachloroethane	13.816	117	41706	18.27	ug/l		93
87)	1,2-Dichlorobenzene	13.599	146	104645	18.86	ug/l		99
88)	1,2-Dibromo-3-Chloropr...	14.223	75	13974	18.30	ug/l		86
89)	1,2,4-Trichlorobenzene	14.854	180	57422	17.90	ug/l		97
90)	Hexachlorobutadiene	14.948	225	33888	18.86	ug/l		99
91)	Naphthalene	15.074	128	137311	17.80	ug/l		99
92)	1,2,3-Trichlorobenzene	15.251	180	55797	18.39	ug/l		98

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

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