Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
Data File : VV020072.D
Acq On : 20 Jan 2021 12:48
Operator : SY/MD
Sample : VSTD01064
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD01064

Quant Time: Jan 20 13:48:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 13:47:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.621	114	319849	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.859	117	311200	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	176503	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.306	65	20096	7.87	ug/L		0.00
7) Chloroethane-d5	1.566	69	15372	7.54	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.110	63	40300	7.93	ug/L		0.00
21) 2-Butanone-d5	3.907	46	26278	15.56	ug/L		0.00
24) Chloroform-d	4.360	84	44365	9.25	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.042	65	30356	9.33	ug/L		0.00
32) Benzene-d6	5.058	84	81980	9.48	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.074	67	23441	8.75	ug/L		0.00
41) Toluene-d8	7.322	98	76173	9.65	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.630	79	12085	8.58	ug/L		0.00
47) 2-Hexanone-d5	8.097	63	16606	15.39	ug/L		0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	31468	8.62	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	34948	10.22	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.129	85	27620	9.17	ug/L		98
3) Chloromethane	1.241	50	20624	7.49	ug/L		100
5) Vinyl chloride	1.309	62	21800	7.71	ug/L		99
6) Bromomethane	1.521	94	15731	8.76	ug/L		100
8) Chloroethane	1.586	64	12748	7.38	ug/L		98
9) Trichlorofluoromethane	1.753	101	38884	9.39	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	19824	8.75	ug/L	#	88
12) 1,1-Dichloroethene	2.119	96	18019	8.31	ug/L		83
13) Acetone	2.187	43	26154	17.71	ug/L		99
14) Carbon disulfide	2.296	76	57928	8.86	ug/L		100
15) Methyl Acetate	2.438	43	20505	8.20	ug/L		95
16) Methylene chloride	2.508	84	22576	9.60	ug/L		86
17) trans-1,2-Dichloroethene	2.762	96	21502	9.59	ug/L		93
18) Methyl tert-butyl Ether	2.769	73	66938	9.22	ug/L		97
19) 1,1-Dichloroethane	3.193	63	37999	9.01	ug/L		98
20) cis-1,2-Dichloroethene	3.917	96	23110	9.61	ug/L		90
22) 2-Butanone	3.991	43	28572	15.93	ug/L		95
23) Bromochloromethane	4.261	128	12675	9.98	ug/L	#	73
25) Chloroform	4.383	83	42175	9.41	ug/L		98
27) 1,2-Dichloroethane	5.138	62	36200	9.72	ug/L		100
29) Cyclohexane	4.682	56	32152	8.97	ug/L	#	85
30) 1,1,1-Trichloroethane	4.614	97	39125	9.63	ug/L		95
31) Carbon tetrachloride	4.833	117	34567	9.95	ug/L		100
33) Benzene	5.106	78	85991	9.68	ug/L		100
34) Trichloroethene	5.920	95	26181	10.15	ug/L		94
35) Methylcyclohexane	6.132	83	35650	9.72	ug/L		93
37) 1,2-Dichloropropane	6.180	63	19674	8.65	ug/L	#	96
38) Bromodichloromethane	6.518	83	30202	9.11	ug/L		97
39) cis-1,3-Dichloropropene	7.035	75	32872	9.08	ug/L		100
40) 4-Methyl-2-pentanone	7.232	43	55988	16.36	ug/L		94
42) Toluene	7.392	91	91004	9.55	ug/L		97
44) trans-1,3-Dichloropropene	7.659	75	32247	8.78	ug/L		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	22639	9.92	ug/L		94
46) Tetrachloroethene	7.981	164	19997	10.57	ug/L		93
48) 2-Hexanone	8.148	43	44462	16.43	ug/L	#	97
49) Dibromochloromethane	8.251	129	24709	9.70	ug/L		95
50) 1,2-Dibromoethane	8.360	107	23906	9.72	ug/L	#	98
51) Chlorobenzene	8.887	112	63599	9.98	ug/L		98
52) Ethylbenzene	9.019	91	105404	9.72	ug/L		98
53) m,p-Xylene	9.145	106	39964	9.98	ug/L		94
54) o-xylene	9.550	106	39006	9.95	ug/L		95
55) Styrene	9.566	104	64336	9.49	ug/L		97
56) Isopropylbenzene	9.939	105	104472	9.83	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.248	83	31730	8.97	ug/L	#	97
59) 1,2,3-Trichloropropane	10.280	75	28298	9.01	ug/L		96
61) Bromoform	9.740	173	17146	9.50	ug/L		98
62) 1,3-Dichlorobenzene	11.190	146	54487	10.29	ug/L		93
63) 1,4-Dichlorobenzene	11.280	146	55168	10.14	ug/L		95
65) 1,2-Dichlorobenzene	11.653	146	54353	10.19	ug/L		96
66) 1,2-Dibromo-3-chloropr...	12.440	75	6832	7.61	ug/L	#	79
67) 1,3,5-Trichlorobenzene	12.656	180	40350	10.04	ug/L		98
68) 1,2,4-trichlorobenzene	13.270	180	35682	10.01	ug/L		99
69) Naphthalene	13.511	128	83563	8.27	ug/L		99
70) 1,2,3-Trichlorobenzene	13.752	180	34966	10.11	ug/L		98

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

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