Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021221\
Data File : VV020317.D
Acq On : 12 Feb 2021 17:23
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05094

Quant Time: Feb 12 22:16:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 12 22:14:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	573297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	564139	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	306888	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	163374	39.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.18%			
7) Chloroethane-d5	1.568	69	148570	43.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.64%			
11) 1,1-Dichloroethene-d2	2.108	63	348821	44.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.30%			
21) 2-Butanone-d5	3.889	46	239479	102.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.55%			
24) Chloroform-d	4.352	84	339169	45.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.034	65	221641	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.00%			
32) Benzene-d6	5.053	84	654216	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.52%			
36) 1,2-Dichloropropane-d6	6.072	67	206629	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.70%			
41) Toluene-d8	7.320	98	612337	44.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.16%			
43) trans-1,3-Dichloroprop...	7.625	79	99642	44.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.60%			
47) 2-Hexanone-d5	8.092	63	179620	98.95	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.95%			
57) 1,1,2,2-Tetrachloroeth...	10.223	84	301814	48.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.34%			
64) 1,2-Dichlorobenzene-d4	11.632	152	265865	45.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	244391	47.94	ug/L	100
3) Chloromethane	1.240	50	221625	48.91	ug/L	99
5) Vinyl chloride	1.310	62	246094	50.44	ug/L	100
6) Bromomethane	1.523	94	154038	50.51	ug/L	95
8) Chloroethane	1.584	64	157201	51.51	ug/L	99
9) Trichlorofluoromethane	1.751	101	344698	49.72	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	189073	51.24	ug/L	94
12) 1,1-Dichloroethene	2.117	96	181512	51.04	ug/L	81
13) Acetone	2.179	43	177130	107.45	ug/L	95
14) Carbon disulfide	2.294	76	476387	45.45	ug/L	99
15) Methyl Acetate	2.433	43	185032	52.76	ug/L	93
16) Methylene chloride	2.507	84	201376	51.69	ug/L	90
17) trans-1,2-Dichloroethene	2.761	96	187658	50.89	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	585037	52.25	ug/L	96
19) 1,1-Dichloroethane	3.191	63	351010	52.41	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	207558	52.34	ug/L	90
22) 2-Butanone	3.969	43	256903	109.58	ug/L	92
23) Bromochloromethane	4.252	128	111946	52.20	ug/L #	83
25) Chloroform	4.378	83	373498	53.25	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.133	62	293529	52.86	ug/L		98
29) Cyclohexane	4.680	56	278466	48.69	ug/L		91
30) 1,1,1-Trichloroethane	4.613	97	315540	50.37	ug/L		97
31) Carbon tetrachloride	4.831	117	269057	49.39	ug/L		100
33) Benzene	5.101	78	783970	51.97	ug/L		100
34) Trichloroethene	5.918	95	210706	50.83	ug/L		93
35) Methylcyclohexane	6.133	83	307447	48.99	ug/L		93
37) 1,2-Dichloropropane	6.175	63	204480	53.51	ug/L		98
38) Bromodichloromethane	6.513	83	265280	50.51	ug/L		99
39) cis-1,3-Dichloropropene	7.030	75	305783	50.54	ug/L		100
40) 4-Methyl-2-pentanone	7.230	43	520937	108.13	ug/L	#	94
42) Toluene	7.391	91	856180	51.60	ug/L		98
44) trans-1,3-Dichloropropene	7.654	75	305341	51.89	ug/L		100
45) 1,1,2-Trichloroethane	7.841	97	203969	51.87	ug/L		97
46) Tetrachloroethene	7.979	164	165224	48.78	ug/L		96
48) 2-Hexanone	8.143	43	401277	108.87	ug/L	#	94
49) Dibromochloromethane	8.249	129	219166	50.51	ug/L		99
50) 1,2-Dibromoethane	8.355	107	216737	51.45	ug/L		98
51) Chlorobenzene	8.886	112	561659	50.46	ug/L		96
52) Ethylbenzene	9.018	91	941049	51.35	ug/L		99
53) m,p-Xylene	9.143	106	353397	50.65	ug/L		96
54) o-xylene	9.548	106	351594	51.76	ug/L		94
55) Styrene	9.564	104	620768	53.10	ug/L		96
56) Isopropylbenzene	9.937	105	934421	51.26	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.246	83	321037	51.82	ug/L		99
59) 1,2,3-Trichloropropane	10.278	75	264641	51.66	ug/L		99
61) Bromoform	9.738	173	155335	49.75	ug/L	#	98
62) 1,3-Dichlorobenzene	11.188	146	465787	51.31	ug/L		98
63) 1,4-Dichlorobenzene	11.278	146	473194	50.83	ug/L		98
65) 1,2-Dichlorobenzene	11.651	146	466312	51.45	ug/L		96
66) 1,2-Dibromo-3-chloropr...	12.435	75	70242	50.52	ug/L		83
67) 1,3,5-Trichlorobenzene	12.654	180	363464	51.27	ug/L		98
68) 1,2,4-trichlorobenzene	13.268	180	330767	52.59	ug/L		97
69) Naphthalene	13.509	128	1031880	57.29	ug/L		100
70) 1,2,3-Trichlorobenzene	13.754	180	339011	54.13	ug/L		98

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

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