Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033021\
Data File : VV020817.D
Acq On : 30 Mar 2021 14:11
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05098

Quant Time: Mar 30 15:56:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 30 04:39:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	677884	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	663324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	387859	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	186687	38.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.58%			
7) Chloroethane-d5	1.568	69	154223	42.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.78%			
11) 1,1-Dichloroethene-d2	2.111	63	404697	44.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.14%			
21) 2-Butanone-d5	3.879	46	278431	88.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.93%			
24) Chloroform-d	4.349	84	469214	49.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.10%			
26) 1,2-Dichloroethane-d4	5.031	65	303898	48.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.46%			
32) Benzene-d6	5.050	84	830534	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.94%			
36) 1,2-Dichloropropane-d6	6.069	67	252210	46.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.92%			
41) Toluene-d8	7.317	98	813713	49.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.88%			
43) trans-1,3-Dichloroprop...	7.622	79	141624	49.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.08%			
47) 2-Hexanone-d5	8.088	63	215070	94.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.50%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	362788	45.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.76%			
64) 1,2-Dichlorobenzene-d4	11.632	152	364895	48.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	283121	44.58	ug/L	98
3) Chloromethane	1.243	50	198108	39.07	ug/L	98
5) Vinyl chloride	1.310	62	215875	41.68	ug/L	99
6) Bromomethane	1.523	94	149802	45.88	ug/L	99
8) Chloroethane	1.584	64	133918	44.76	ug/L	97
9) Trichlorofluoromethane	1.754	101	418562	47.28	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	210969	49.58	ug/L	96
12) 1,1-Dichloroethene	2.117	96	187618	47.43	ug/L	93
13) Acetone	2.175	43	219231	98.19	ug/L	100
14) Carbon disulfide	2.294	76	567607	43.39	ug/L	100
15) Methyl Acetate	2.433	43	188690	40.48	ug/L	94
16) Methylene chloride	2.507	84	221449	45.90	ug/L	92
17) trans-1,2-Dichloroethene	2.761	96	214028	47.18	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	665366	47.31	ug/L	99
19) 1,1-Dichloroethane	3.191	63	388566	46.11	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	228743	47.13	ug/L	99
22) 2-Butanone	3.963	43	306038	93.64	ug/L	94
23) Bromochloromethane	4.246	128	129787	49.68	ug/L	88
25) Chloroform	4.375	83	433805	48.39	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.130	62	352152	49.18	ug/L		99
29) Cyclohexane	4.677	56	330265	44.02	ug/L		96
30) 1,1,1-Trichloroethane	4.609	97	412106	50.23	ug/L		99
31) Carbon tetrachloride	4.828	117	370944	50.63	ug/L		100
33) Benzene	5.101	78	858943	46.95	ug/L		100
34) Trichloroethene	5.915	95	244279	48.71	ug/L		98
35) Methylcyclohexane	6.133	83	364134	47.32	ug/L		97
37) 1,2-Dichloropropane	6.175	63	215166	44.85	ug/L		98
38) Bromodichloromethane	6.510	83	322690	47.89	ug/L		99
39) cis-1,3-Dichloropropene	7.027	75	365418	49.33	ug/L		100
40) 4-Methyl-2-pentanone	7.227	43	560565	87.13	ug/L		97
42) Toluene	7.391	91	970184	48.79	ug/L		99
44) trans-1,3-Dichloropropene	7.651	75	365154	48.96	ug/L		99
45) 1,1,2-Trichloroethane	7.841	97	224611	47.59	ug/L		95
46) Tetrachloroethene	7.979	164	210569	50.30	ug/L		99
48) 2-Hexanone	8.140	43	460055	93.67	ug/L		99
49) Dibromochloromethane	8.249	129	276810	50.35	ug/L		100
50) 1,2-Dibromoethane	8.355	107	245049	48.48	ug/L	#	98
51) Chlorobenzene	8.886	112	642874	48.16	ug/L		99
52) Ethylbenzene	9.014	91	1111575	48.98	ug/L		100
53) m,p-Xylene	9.143	106	422443	50.05	ug/L		99
54) o-xylene	9.548	106	409644	50.35	ug/L		99
55) Styrene	9.564	104	730196	51.08	ug/L		98
56) Isopropylbenzene	9.937	105	1131519	50.51	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.246	83	351055	45.60	ug/L		100
59) 1,2,3-Trichloropropane	10.278	75	294280	46.97	ug/L		98
61) Bromoform	9.735	173	210118	47.72	ug/L		99
62) 1,3-Dichlorobenzene	11.185	146	568054	47.99	ug/L		100
63) 1,4-Dichlorobenzene	11.278	146	586490	47.64	ug/L		100
65) 1,2-Dichlorobenzene	11.648	146	562401	48.21	ug/L		98
66) 1,2-Dibromo-3-chloropr...	12.435	75	86456	43.84	ug/L		88
67) 1,3,5-Trichlorobenzene	12.651	180	445381	48.54	ug/L		100
68) 1,2,4-trichlorobenzene	13.268	180	391913	50.38	ug/L		99
69) Naphthalene	13.509	128	1103630	49.56	ug/L		99
70) 1,2,3-Trichlorobenzene	13.750	180	392031	50.32	ug/L		99

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

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