Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121620\
Data File : VV019667.D
Acq On : 16 Dec 2020 10:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05092

Quant Time: Dec 17 00:21:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 16 10:15:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.61	114	595560	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	558351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	286861	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	224566	52.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.16%			
7) Chloroethane-d5	1.57	69	176178	52.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.62%			
11) 1,1-Dichloroethene-d2	2.11	63	414884	52.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.68%			
21) 2-Butanone-d5	3.88	46	302137	130.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 130.16%#			
24) Chloroform-d	4.35	84	397073	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.18%			
26) 1,2-Dichloroethane-d4	5.03	65	262561	52.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.40%			
32) Benzene-d6	5.05	84	778165	52.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.52%			
36) 1,2-Dichloropropane-d6	6.07	67	246265	52.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.58%			
41) Toluene-d8	7.32	98	700845	52.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.54%			
43) trans-1,3-Dichloropropene-	7.62	79	127952	48.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.44%			
47) 2-Hexanone-d5	8.09	63	220279	120.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.32%			
57) 1,1,2,2-Tetrachloroethane-	10.22	84	321840	51.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.02%			
64) 1,2-Dichlorobenzene-d4	11.63	152	263532	49.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	235589	49.017	ug/L	99
3) Chloromethane	1.24	50	250841	49.100	ug/L	99
5) Vinyl chloride	1.31	62	252308	49.237	ug/L	98
6) Bromomethane	1.52	94	152068	49.415	ug/L	98
8) Chloroethane	1.59	64	153740	49.740	ug/L	99
9) Trichlorofluoromethane	1.75	101	323840	51.726	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	187194	54.141	ug/L	99
12) 1,1-Dichloroethene	2.12	96	179672	50.640	ug/L #	81
13) Acetone	2.17	43	208123	105.246	ug/L	99
14) Carbon disulfide	2.29	76	548694	47.066	ug/L	100
15) Methyl Acetate	2.43	43	220018	51.067	ug/L	99
16) Methylene chloride	2.51	84	208201	50.050	ug/L	99
17) trans-1,2-Dichloroethene	2.76	96	194012	49.889	ug/L	99
18) Methyl tert-butyl Ether	2.77	73	656291	48.297	ug/L	99
19) 1,1-Dichloroethane	3.19	63	379461	50.331	ug/L	99
20) cis-1,2-Dichloroethene	3.91	96	212798	49.777	ug/L #	99
22) 2-Butanone	3.96	43	309692	106.765	ug/L	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05092

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Quant Title : VOC Analysis
QLast Update : Wed Dec 16 10:15:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.25	128	103495	49.203 ug/L	98
25) Chloroform	4.37	83	380390	50.518 ug/L	99
27) 1,2-Dichloroethane	5.13	62	313160	50.202 ug/L	99
29) Cyclohexane	4.68	56	352146	51.459 ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	337040	48.141 ug/L	99
31) Carbon tetrachloride	4.83	117	282721	47.837 ug/L	99
33) Benzene	5.10	78	812700	49.803 ug/L	100
34) Trichloroethene	5.91	95	213015	49.416 ug/L	99
35) Methylcyclohexane	6.13	83	351889	53.734 ug/L	99
37) 1,2-Dichloropropane	6.17	63	217175	50.962 ug/L	100
38) Bromodichloromethane	6.51	83	285166	47.855 ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	355392	50.213 ug/L	100
40) 4-Methyl-2-pentanone	7.23	43	610734	99.337 ug/L	99
42) Toluene	7.39	91	854059	49.658 ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	338786	47.273 ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	198841	49.135 ug/L	99
46) Tetrachloroethene	7.98	164	150405	50.425 ug/L	99
48) 2-Hexanone	8.14	43	469011	100.537 ug/L	98
49) Dibromochloromethane	8.25	129	210682	47.539 ug/L	100
50) 1,2-Dibromoethane	8.35	107	208799	48.996 ug/L	100
51) Chlorobenzene	8.88	112	547600	49.852 ug/L	99
52) Ethylbenzene	9.01	91	980570	50.041 ug/L	100
53) m,p-Xylene	9.14	106	365040	49.864 ug/L	99
54) o-xylene	9.55	106	358998	50.031 ug/L	99
55) Styrene	9.56	104	620622	49.625 ug/L	99
56) Isopropylbenzene	9.94	105	969651	50.724 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.24	83	318015	48.866 ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	261974	49.423 ug/L	100
61) Bromoform	9.73	173	136740	43.080 ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	421881	47.935 ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	430056	48.254 ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	420429	48.343 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	77925	42.925 ug/L	97
67) 1,3,5-Trichlorobenzene	12.65	180	312308	50.224 ug/L	100
68) 1,2,4-trichlorobenzene	13.27	180	283735	48.801 ug/L	99
69) Naphthalene	13.51	128	937315	46.428 ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	275846	48.549 ug/L	99

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

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