Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112320\
Data File : VV019435.D
Acq On : 23 Nov 2020 21:21
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05070

Quant Time: Nov 24 05:29:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 24 05:27:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	363344	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	365352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	203412	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	171438	47.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.48%			
7) Chloroethane-d5	1.57	69	143964	48.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.48%			
11) 1,1-Dichloroethene-d2	2.12	63	317748	49.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.38%			
21) 2-Butanone-d5	3.89	46	231114	104.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.49%			
24) Chloroform-d	4.37	84	299028	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.94%			
26) 1,2-Dichloroethane-d4	5.05	65	196468	51.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.32%			
32) Benzene-d6	5.07	84	555955	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.94%			
36) 1,2-Dichloropropane-d6	6.09	67	187445	52.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.30%			
41) Toluene-d8	7.33	98	501011	51.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.54%			
43) trans-1,3-Dichloropropene-	7.64	79	90908	52.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.74%			
47) 2-Hexanone-d5	8.10	63	155220	109.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.61%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	245428	52.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.52%			
64) 1,2-Dichlorobenzene-d4	11.65	152	193502	48.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	137703	46.888	ug/L	98
3) Chloromethane	1.25	50	202158	51.185	ug/L	99
5) Vinyl chloride	1.32	62	192601	51.037	ug/L	99
6) Bromomethane	1.52	94	124031	50.414	ug/L	98
8) Chloroethane	1.59	64	124825	51.973	ug/L	100
9) Trichlorofluoromethane	1.76	101	233127	49.202	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	118679	46.578	ug/L	99
12) 1,1-Dichloroethene	2.13	96	133393	50.285	ug/L	91
13) Acetone	2.17	43	160457	94.879	ug/L	98
14) Carbon disulfide	2.31	76	380970	49.479	ug/L	99
15) Methyl Acetate	2.44	43	179973	52.559	ug/L	98
16) Methylene chloride	2.52	84	156243	50.850	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	135533	51.657	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	447294	53.613	ug/L	99
19) 1,1-Dichloroethane	3.21	63	284890	52.936	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	150465	52.186	ug/L	98
22) 2-Butanone	3.98	43	240943	107.427	ug/L	97

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Quant Title : VOC Analysis
QLast Update : Tue Nov 24 05:27:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	78467	51.387 ug/L	96
25) Chloroform	4.40	83	279830	51.437 ug/L	99
27) 1,2-Dichloroethane	5.15	62	229083	53.667 ug/L	99
29) Cyclohexane	4.70	56	187221	48.953 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	234469	53.130 ug/L	100
31) Carbon tetrachloride	4.85	117	193559	51.089 ug/L	100
33) Benzene	5.12	78	593287	54.262 ug/L	100
34) Trichloroethene	5.94	95	154861	50.790 ug/L	99
35) Methylcyclohexane	6.15	83	172298	48.022 ug/L	100
37) 1,2-Dichloropropane	6.19	63	167024	55.384 ug/L	99
38) Bromodichloromethane	6.53	83	212788	53.219 ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	241820	54.285 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	479847	112.839 ug/L	100
42) Toluene	7.41	91	610926	53.864 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	243752	54.934 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	151720	53.726 ug/L	99
46) Tetrachloroethene	7.99	164	102727	48.511 ug/L	96
48) 2-Hexanone	8.15	43	383848	113.967 ug/L	98
49) Dibromochloromethane	8.26	129	163153	52.275 ug/L	99
50) 1,2-Dibromoethane	8.37	107	157839	52.665 ug/L	99
51) Chlorobenzene	8.90	112	378872	50.635 ug/L	98
52) Ethylbenzene	9.03	91	635096	52.177 ug/L	100
53) m,p-Xylene	9.16	106	231273	51.353 ug/L	100
54) o-xylene	9.56	106	229188	52.266 ug/L	98
55) Styrene	9.58	104	434321	55.329 ug/L	98
56) Isopropylbenzene	9.95	105	586169	51.022 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	234230	54.264 ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	206791	52.201 ug/L	99
61) Bromoform	9.75	173	121551	52.269 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	299709	50.647 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	305038	49.043 ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	309738	50.982 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	55940	53.210 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	215365	49.996 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	196488	51.520 ug/L	100
69) Naphthalene	13.52	128	535478	55.215 ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	211099	52.955 ug/L	100

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

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