Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103020\
Data File : VV019194.D
Acq On : 30 Oct 2020 19:01
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05082

Quant Time: Oct 31 02:05:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 31 02:55:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	238030	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	233852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129822	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	70641	37.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.68%			
7) Chloroethane-d5	1.58	69	57500	39.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.26%			
11) 1,1-Dichloroethene-d2	2.13	63	154203	42.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.70%			
21) 2-Butanone-d5	3.90	46	102254	88.26	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.26%			
24) Chloroform-d	4.38	84	158958	45.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.34%			
26) 1,2-Dichloroethane-d4	5.06	65	109185	44.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.06%			
32) Benzene-d6	5.07	84	288468	43.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.96%			
36) 1,2-Dichloropropane-d6	6.09	67	86720	43.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.68%			
41) Toluene-d8	7.34	98	280703	44.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.10%			
43) trans-1,3-Dichloropropene-	7.64	79	50780	44.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.74%			
47) 2-Hexanone-d5	8.11	63	75260	87.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.86%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	119426	44.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.56%			
64) 1,2-Dichlorobenzene-d4	11.65	152	119383	43.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	101172	48.406	ug/L	98
3) Chloromethane	1.25	50	93814	49.428	ug/L	99
5) Vinyl chloride	1.32	62	95555	49.175	ug/L	98
6) Bromomethane	1.53	94	62438	47.969	ug/L	95
8) Chloroethane	1.60	64	59568	49.302	ug/L	98
9) Trichlorofluoromethane	1.77	101	158371	48.900	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	75246	48.278	ug/L	99
12) 1,1-Dichloroethene	2.14	96	74094	48.541	ug/L	86
13) Acetone	2.19	43	82445	76.597	ug/L	98
14) Carbon disulfide	2.31	76	231388	47.691	ug/L	100
15) Methyl Acetate	2.44	43	82020	47.285	ug/L	100
16) Methylene chloride	2.52	84	83457	48.150	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	80840	49.309	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	266374	48.522	ug/L	99
19) 1,1-Dichloroethane	3.21	63	151560	49.619	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	85681	47.619	ug/L	97
22) 2-Butanone	3.99	43	112009	95.540	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Sat Oct 31 02:55:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	46890	48.564 ug/L	97
25) Chloroform	4.40	83	163255	49.460 ug/L	99
27) 1,2-Dichloroethane	5.15	62	139032	49.477 ug/L	99
29) Cyclohexane	4.70	56	127948	49.009 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	152613	48.159 ug/L	99
31) Carbon tetrachloride	4.86	117	137134	48.801 ug/L	100
33) Benzene	5.13	78	328878	48.777 ug/L	100
34) Trichloroethene	5.94	95	90094	48.776 ug/L	97
35) Methylcyclohexane	6.15	83	120785	48.439 ug/L	99
37) 1,2-Dichloropropane	6.20	63	84621	50.537 ug/L	100
38) Bromodichloromethane	6.53	83	120823	48.506 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	134134	48.498 ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	228476	98.911 ug/L	99
42) Toluene	7.41	91	365881	49.500 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	142160	49.411 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	82208	48.953 ug/L	99
46) Tetrachloroethene	8.00	164	76416	48.449 ug/L	99
48) 2-Hexanone	8.16	43	175133	95.388 ug/L	98
49) Dibromochloromethane	8.27	129	97306	47.856 ug/L	98
50) 1,2-Dibromoethane	8.37	107	86174	48.096 ug/L	99
51) Chlorobenzene	8.90	112	236483	48.799 ug/L	99
52) Ethylbenzene	9.03	91	407197	49.995 ug/L	100
53) m,p-Xylene	9.16	106	153626	49.939 ug/L	99
54) o-xylene	9.56	106	147706	50.010 ug/L	100
55) Styrene	9.58	104	264134	50.457 ug/L	100
56) Isopropylbenzene	9.95	105	401212	50.547 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	124188	48.565 ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	104838	47.894 ug/L	100
61) Bromoform	9.75	173	75537	47.169 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	199621	48.748 ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	204130	47.967 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	197319	48.642 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31677	45.638 ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	142069	47.130 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	135028	47.810 ug/L	100
69) Naphthalene	13.52	128	391696	49.516 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	136807	49.499 ug/L	100

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

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