Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Data File : VU034561.D
Acq On : 16 Sep 2019 13:19
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV37

Quant Time: Sep 17 02:56:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	352411	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	329753	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	154941	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	84962	49.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.94%			
7) Chloroethane-d5	1.67	69	64502	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.66%			
11) 1,1-Dichloroethene-d2	2.26	63	180232	51.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.62%			
21) 2-Butanone-d5	4.16	46	215124	112.21	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.21%			
24) Chloroform-d	4.62	84	207107	53.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.30%			
26) 1,2-Dichloroethane-d4	5.29	65	122395	51.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.94%			
32) Benzene-d6	5.31	84	381272	52.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.16%			
36) 1,2-Dichloropropane-d6	6.31	67	141485	52.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.84%			
41) Toluene-d8	7.54	98	369326	52.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.92%			
43) trans-1,3-Dichloropropene-	7.83	79	69730	54.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.32%			
47) 2-Hexanone-d5	8.29	63	160048	109.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.31%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	211587	50.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.34%			
64) 1,2-Dichlorobenzene-d4	11.84	152	150478	54.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	112217	51.684	ug/L	100
3) Chloromethane	1.32	50	106752	48.175	ug/L	99
5) Vinyl chloride	1.40	62	110965	51.007	ug/L	95
6) Bromomethane	1.62	94	61453	54.037	ug/L	93
8) Chloroethane	1.69	64	59808	47.980	ug/L	99
9) Trichlorofluoromethane	1.87	101	162744	52.866	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	99265	54.116	ug/L	98
12) 1,1-Dichloroethene	2.27	96	84971	50.730	ug/L	84
13) Acetone	2.33	43	194214	112.724	ug/L	99
14) Carbon disulfide	2.46	76	214676	52.208	ug/L	100
15) Methyl Acetate	2.61	43	146967	52.118	ug/L	96
16) Methylene chloride	2.68	84	112015	50.602	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	95094	53.048	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	377686	50.889	ug/L	99
19) 1,1-Dichloroethane	3.42	63	209189	51.833	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	117422	50.579	ug/L	95
22) 2-Butanone	4.25	43	252350	115.134	ug/L	97

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Instrument : MSVOA_U
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Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	55190	50.354	ug/L	99
25) Chloroform	4.65	83	211177	50.035	ug/L	99
27) 1,2-Dichloroethane	5.38	62	155041	51.881	ug/L	98
29) Cyclohexane	4.97	56	167656	52.153	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	169501	51.440	ug/L	99
31) Carbon tetrachloride	5.11	117	148093	53.236	ug/L	99
33) Benzene	5.36	78	433095	51.777	ug/L	100
34) Trichloroethene	6.16	95	110901	53.225	ug/L	98
35) Methylcyclohexane	6.39	83	170596	54.006	ug/L	98
37) 1,2-Dichloropropane	6.41	63	130008	51.209	ug/L	99
38) Bromodichloromethane	6.73	83	168874	50.884	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	197375	51.747	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	459788	104.117	ug/L	100
42) Toluene	7.61	91	466911	51.771	ug/L	97
44) trans-1,3-Dichloropropene	7.86	75	186217	53.243	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	122907	53.050	ug/L	98
46) Tetrachloroethene	8.21	164	74233	53.672	ug/L	99
48) 2-Hexanone	8.34	43	368169	110.974	ug/L	98
49) Dibromochloromethane	8.45	129	134386	51.216	ug/L	96
50) 1,2-Dibromoethane	8.57	107	125353	51.765	ug/L	99
51) Chlorobenzene	9.10	112	304349	51.654	ug/L	100
52) Ethylbenzene	9.23	91	542767	52.016	ug/L	100
53) m,p-Xylene	9.35	106	197432	52.627	ug/L	97
54) o-xylene	9.76	106	195604	51.393	ug/L	93
55) Styrene	9.77	104	349296	53.320	ug/L	99
56) Isopropylbenzene	10.14	105	532835	52.051	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	231154	50.172	ug/L	97
59) 1,2,3-Trichloropropane	10.47	75	175268	50.543	ug/L	100
61) Bromoform	9.94	173	98198	51.467	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	240172	53.605	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	240268	53.108	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	242811	53.726	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	53009	51.771	ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	169415	58.015	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	153688	61.607	ug/L	98
69) Naphthalene	13.72	128	596613	64.732	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	155206	60.773	ug/L	98

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

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