Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
Data File : VU031456.D
Acq On : 23 Apr 2019 23:23
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05049

Quant Time: Apr 24 08:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 08:41:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	762243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	705959	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	321163	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	273202	44.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.46%			
7) Chloroethane-d5	1.68	69	218823	46.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.06%			
11) 1,1-Dichloroethene-d2	2.27	63	506641	47.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.30%			
21) 2-Butanone-d5	4.19	46	504797	109.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.32%			
24) Chloroform-d	4.64	84	474659	48.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.46%			
26) 1,2-Dichloroethane-d4	5.30	65	286295	48.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.12%			
32) Benzene-d6	5.34	84	970658	47.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.32	67	326674	49.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.56%			
41) Toluene-d8	7.56	98	854818	46.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.86%			
43) trans-1,3-Dichloropropene-	7.85	79	146528	49.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.00%			
47) 2-Hexanone-d5	8.31	63	343870	104.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	451225	50.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	317455	48.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	276674	51.211	ug/L	98
3) Chloromethane	1.32	50	353671	51.323	ug/L	100
5) Vinyl chloride	1.40	62	350416	51.610	ug/L	99
6) Bromomethane	1.63	94	186066	46.949	ug/L	99
8) Chloroethane	1.70	64	199687	51.611	ug/L	99
9) Trichlorofluoromethane	1.88	101	413742	50.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	239829	50.808	ug/L	98
12) 1,1-Dichloroethene	2.28	96	241450	51.997	ug/L	91
13) Acetone	2.34	43	320592	88.433	ug/L	100
14) Carbon disulfide	2.47	76	695057	49.869	ug/L	99
15) Methyl Acetate	2.62	43	359118	54.227	ug/L	100
16) Methylene chloride	2.70	84	274239	51.840	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	246678	51.506	ug/L	99
18) Methyl tert-butyl Ether	2.99	73	843678	53.563	ug/L	100
19) 1,1-Dichloroethane	3.44	63	497581	53.147	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	283515	52.173	ug/L	100
22) 2-Butanone	4.27	43	520520	110.797	ug/L	98

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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05049

Quant Time: Apr 24 08:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 08:41:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	134731	49.436 ug/L	93
25) Chloroform	4.67	83	476853	52.846 ug/L	95
27) 1,2-Dichloroethane	5.40	62	352581	52.394 ug/L	99
29) Cyclohexane	4.99	56	456743	53.321 ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	390054	51.826 ug/L	99
31) Carbon tetrachloride	5.13	117	333349	51.733 ug/L	98
33) Benzene	5.39	78	1066449	52.201 ug/L	100
34) Trichloroethene	6.18	95	270240	49.946 ug/L	98
35) Methylcyclohexane	6.41	83	404220	51.055 ug/L	99
37) 1,2-Dichloropropane	6.43	63	293816	53.986 ug/L	99
38) Bromodichloromethane	6.75	83	352344	52.776 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	421601	51.760 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	914637	110.579 ug/L	99
42) Toluene	7.63	91	1120325	52.845 ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	367879	52.394 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	266134	53.242 ug/L	99
46) Tetrachloroethene	8.22	164	196226	51.135 ug/L	98
48) 2-Hexanone	8.36	43	726863	112.653 ug/L	100
49) Dibromochloromethane	8.47	129	280576	52.905 ug/L	96
50) 1,2-Dibromoethane	8.58	107	286262	54.449 ug/L	97
51) Chlorobenzene	9.12	112	674124	51.237 ug/L	96
52) Ethylbenzene	9.25	91	1196319	52.673 ug/L	100
53) m,p-Xylene	9.37	106	438628	52.914 ug/L	98
54) o-xylene	9.77	106	439271	52.708 ug/L	99
55) Styrene	9.79	104	756577	54.585 ug/L	96
56) Isopropylbenzene	10.16	105	1157033	54.040 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	452790	52.465 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	356839	53.125 ug/L	98
61) Bromoform	9.95	173	207229	52.481 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	491479	52.258 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	486999	51.908 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	507480	52.784 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	103542	58.236 ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	359764	51.905 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	321514	57.701 ug/L	97
69) Naphthalene	13.74	128	1177797	60.802 ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	343844	57.311 ug/L	100

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

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