Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061020\
Data File : VU038752.D
Acq On : 10 Jun 2020 02:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05047

Quant Time: Jun 10 05:13:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 05:09:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	544712	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	531430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	262120	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	130824	42.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.98%			
7) Chloroethane-d5	1.93	69	115577	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.90%			
11) 1,1-Dichloroethene-d2	2.59	63	307103	46.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.60%			
21) 2-Butanone-d5	4.67	46	312930	105.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.69%			
24) Chloroform-d	5.10	84	333151	50.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.54%			
26) 1,2-Dichloroethane-d4	5.74	65	219825	50.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.10%			
32) Benzene-d6	5.76	84	627661	49.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.06%			
36) 1,2-Dichloropropane-d6	6.72	67	196828	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.78%			
41) Toluene-d8	7.92	98	556387	48.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	8.20	79	100252	50.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.94%			
47) 2-Hexanone-d5	8.65	63	226804	108.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.00%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	303974	51.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.30%			
64) 1,2-Dichlorobenzene-d4	12.20	152	225077	49.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	195764	45.384	ug/L	100
3) Chloromethane	1.53	50	187910	45.159	ug/L	98
5) Vinyl chloride	1.62	62	204558	46.939	ug/L	94
6) Bromomethane	1.87	94	81020	35.697	ug/L	99
8) Chloroethane	1.95	64	134325	52.689	ug/L	95
9) Trichlorofluoromethane	2.16	101	288951	48.146	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	155469	44.442	ug/L	99
12) 1,1-Dichloroethene	2.60	96	168244	48.797	ug/L	95
13) Acetone	2.66	43	246321	103.242	ug/L	97
14) Carbon disulfide	2.82	76	537979	48.186	ug/L	100
15) Methyl Acetate	2.98	43	261776	52.504	ug/L	100
16) Methylene chloride	3.08	84	213362	52.121	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	190196	50.411	ug/L	100
18) Methyl tert-butyl Ether	3.40	73	649025	53.204	ug/L	100
19) 1,1-Dichloroethane	3.91	63	363757	50.881	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	214861	51.517	ug/L	100
22) 2-Butanone	4.75	43	391782	107.077	ug/L	100

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05047

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 05:09:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	109206	52.865 ug/L	97
25) Chloroform	5.12	83	373788	52.243 ug/L	97
27) 1,2-Dichloroethane	5.83	62	315787	53.352 ug/L	99
29) Cyclohexane	5.42	56	260908	42.912 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	312148	49.989 ug/L	99
31) Carbon tetrachloride	5.56	117	251439	48.641 ug/L	100
33) Benzene	5.81	78	806187	51.086 ug/L	100
34) Trichloroethene	6.57	95	198560	49.471 ug/L	97
35) Methylcyclohexane	6.79	83	264591	43.712 ug/L	97
37) 1,2-Dichloropropane	6.82	63	209541	50.954 ug/L	99
38) Bromodichloromethane	7.13	83	281090	53.320 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	323144	50.952 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	681382	105.986 ug/L	100
42) Toluene	7.99	91	831076	50.366 ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	311554	51.286 ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	209330	52.886 ug/L	99
46) Tetrachloroethene	8.57	164	137020	47.320 ug/L	96
48) 2-Hexanone	8.70	43	570675	107.382 ug/L	99
49) Dibromochloromethane	8.83	129	216756	53.323 ug/L	96
50) 1,2-Dibromoethane	8.94	107	223849	52.617 ug/L	99
51) Chlorobenzene	9.47	112	527669	49.777 ug/L	99
52) Ethylbenzene	9.59	91	881601	48.410 ug/L	99
53) m,p-Xylene	9.71	106	348751	49.889 ug/L	99
54) o-xylene	10.12	106	343512	50.618 ug/L	97
55) Styrene	10.13	104	594776	50.557 ug/L	100
56) Isopropylbenzene	10.50	105	834947	47.141 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	349507	51.885 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	303785	52.685 ug/L	99
61) Bromoform	10.30	173	155638	54.136 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	401071	49.576 ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	403255	49.226 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	411866	51.151 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	94711	56.759 ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	279580	48.107 ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	270342	49.344 ug/L	99
69) Naphthalene	14.11	128	1076296	55.569 ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	287531	52.310 ug/L	100

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

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