Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020320\
Data File : VU036669.D
Acq On : 03 Feb 2020 11:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Feb 04 00:51:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	264380	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	109930	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	121686	50.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.98%			
7) Chloroethane-d5	1.93	69	102822	52.98	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.96%			
11) 1,1-Dichloroethene-d2	2.59	63	197420	52.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.68%			
21) 2-Butanone-d5	4.68	46	173057	116.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.62%			
24) Chloroform-d	5.11	84	187990	52.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.28%			
26) 1,2-Dichloroethane-d4	5.75	65	123486	52.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.58%			
32) Benzene-d6	5.77	84	401101	53.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.58%			
36) 1,2-Dichloropropane-d6	6.73	67	130994	52.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.88%			
41) Toluene-d8	7.93	98	366907	53.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.68%			
43) trans-1,3-Dichloropropene-	8.21	79	53722	45.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.16%			
47) 2-Hexanone-d5	8.67	63	150352	110.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.09%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	181492	52.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.24%			
64) 1,2-Dichlorobenzene-d4	12.21	152	123381	53.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	106843	51.285	ug/L	99
3) Chloromethane	1.54	50	130831	51.368	ug/L	100
5) Vinyl chloride	1.62	62	137301	52.440	ug/L	97
6) Bromomethane	1.86	94	77162	58.937	ug/L	95
8) Chloroethane	1.95	64	83470	53.525	ug/L	98
9) Trichlorofluoromethane	2.16	101	150408	52.511	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	84961	51.508	ug/L	99
12) 1,1-Dichloroethene	2.61	96	88800	52.925	ug/L	93
13) Acetone	2.66	43	109806	87.016	ug/L	99
14) Carbon disulfide	2.82	76	269103	52.550	ug/L	99
15) Methyl Acetate	2.98	43	124049	53.990	ug/L	98
16) Methylene chloride	3.08	84	109612	51.981	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	94173	52.819	ug/L	96
18) Methyl tert-butyl Ether	3.41	73	335902	53.209	ug/L	99
19) 1,1-Dichloroethane	3.92	63	189450	53.101	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	110035	53.452	ug/L	100
22) 2-Butanone	4.75	43	180541	104.641	ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	49818	52.750 ug/L	98
25) Chloroform	5.13	83	187202	54.693 ug/L	100
27) 1,2-Dichloroethane	5.84	62	148013	52.896 ug/L	100
29) Cyclohexane	5.43	56	178572	53.710 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	150965	55.019 ug/L	99
31) Carbon tetrachloride	5.57	117	123849	55.632 ug/L	97
33) Benzene	5.82	78	425350	54.205 ug/L	100
34) Trichloroethene	6.58	95	107437	56.292 ug/L	98
35) Methylcyclohexane	6.80	83	170473	52.126 ug/L	99
37) 1,2-Dichloropropane	6.83	63	115792	54.435 ug/L	100
38) Bromodichloromethane	7.14	83	139720	54.627 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	153254	45.519 ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	346278	107.791 ug/L	99
42) Toluene	8.00	91	453198	53.820 ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	132685	44.639 ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	102664	53.482 ug/L	99
46) Tetrachloroethene	8.58	164	70279	50.032 ug/L	99
48) 2-Hexanone	8.72	43	267094	107.328 ug/L	99
49) Dibromochloromethane	8.84	129	102697	54.362 ug/L	96
50) 1,2-Dibromoethane	8.95	107	109431	54.091 ug/L	99
51) Chlorobenzene	9.48	112	268128	53.506 ug/L	100
52) Ethylbenzene	9.60	91	496613	53.798 ug/L	100
53) m,p-Xylene	9.72	106	183988	54.040 ug/L	99
54) o-xylene	10.12	106	182092	53.092 ug/L	98
55) Styrene	10.14	104	310819	53.315 ug/L	100
56) Isopropylbenzene	10.51	105	476436	53.847 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	177574	51.292 ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	151760	53.752 ug/L	99
61) Bromoform	10.32	173	74093	54.214 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	191680	52.711 ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	192977	53.388 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	196985	53.846 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	43387	57.033 ug/L	99
67) 1,3,5-Trichlorobenzene	13.23	180	129587	52.935 ug/L	100
68) 1,2,4-trichlorobenzene	13.85	180	110480	54.273 ug/L	99
69) Naphthalene	14.10	128	421125	53.909 ug/L	100
70) 1,2,3-Trichlorobenzene	14.34	180	113078	53.677 ug/L	99

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

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