Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100720\
Data File : VU040541.D
Acq On : 07 Oct 2020 10:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD050210

Quant Time: Oct 08 01:17:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 08:04:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	272981	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	273767	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	141946	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	110670	47.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.42%			
7) Chloroethane-d5	1.92	69	88677	49.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.30%			
11) 1,1-Dichloroethene-d2	2.58	63	215680	48.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.42%			
21) 2-Butanone-d5	4.64	46	187816	100.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.95%			
24) Chloroform-d	5.08	84	205586	50.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.68%			
26) 1,2-Dichloroethane-d4	5.72	65	138714	49.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.50%			
32) Benzene-d6	5.74	84	382896	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
36) 1,2-Dichloropropane-d6	6.70	67	129242	49.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.98%			
41) Toluene-d8	7.91	98	352829	49.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.90%			
43) trans-1,3-Dichloropropene-	8.19	79	59870	45.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.60%			
47) 2-Hexanone-d5	8.64	63	124113	101.95	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.95%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	183530	48.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.30%			
66) 1,2-Dichlorobenzene-d4	12.19	152	134604	46.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	128239	48.786	ug/L	98
3) Chloromethane	1.52	50	132232	47.871	ug/L	99
5) Vinyl chloride	1.61	62	132287	48.371	ug/L	99
6) Bromomethane	1.86	94	68404	47.653	ug/L	96
8) Chloroethane	1.94	64	81635	49.473	ug/L	99
9) Trichlorofluoromethane	2.14	101	174923	49.862	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	103569	49.526	ug/L	99
12) 1,1-Dichloroethene	2.59	96	96326	49.821	ug/L	92
13) Acetone	2.63	43	125823	70.419	ug/L	99
14) Carbon disulfide	2.80	76	317916	47.896	ug/L	98
15) Methyl Acetate	2.96	43	144006	49.411	ug/L	100
16) Methylene chloride	3.06	84	113341	49.430	ug/L	95
17) trans-1,2-Dichloroethene	3.37	96	103549	50.284	ug/L	94
18) Methyl tert-butyl Ether	3.38	73	316145	48.810	ug/L	99
19) 1,1-Dichloroethane	3.89	63	200512	48.820	ug/L	100
20) cis-1,2-Dichloroethene	4.68	96	108468	48.874	ug/L	98
22) 2-Butanone	4.71	43	203287	89.189	ug/L	100

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 08:04:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	57983	50.135 ug/L	97
25) Chloroform	5.11	83	206931	49.411 ug/L	97
27) 1,2-Dichloroethane	5.81	62	169541	49.055 ug/L	99
29) Cyclohexane	5.40	56	178435	48.678 ug/L	98
30) 1,1,1-Trichloroethane	5.33	97	174397	49.600 ug/L	99
31) Carbon tetrachloride	5.54	117	151115	49.702 ug/L	98
33) Benzene	5.79	78	437826	49.479 ug/L	100
34) Trichloroethene	6.55	95	111118	48.746 ug/L	98
35) Methylcyclohexane	6.77	83	167357	48.290 ug/L	99
37) 1,2-Dichloropropane	6.80	63	120966	49.782 ug/L	99
38) Bromodichloromethane	7.11	83	152691	48.376 ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	165274	46.409 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	382679	99.806 ug/L	99
42) Toluene	7.98	91	461908	51.129 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	165556	46.172 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	108243	49.726 ug/L	98
46) Tetrachloroethene	8.56	164	79451	48.236 ug/L	97
48) 2-Hexanone	8.69	43	303759	97.473 ug/L	99
49) Dibromochloromethane	8.81	129	118802	49.982 ug/L	99
50) 1,2-Dibromoethane	8.93	107	115576	50.085 ug/L	97
51) Chlorobenzene	9.45	112	285567	48.193 ug/L	98
52) Ethylbenzene	9.57	91	501701	50.032 ug/L	98
53) m,p-Xylene	9.69	106	188972	51.177 ug/L	96
54) o-xylene	10.10	106	180100	51.265 ug/L	98
55) Styrene	10.11	104	323207	52.232 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	186606	48.476 ug/L	100
59) Bromoform	10.29	173	85948	49.401 ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	153737	47.681 ug/L	99
61) Isopropylbenzene	10.48	105	470569	49.364 ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	400851	51.181 ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	403654	50.817 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	227953	49.042 ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	231458	47.412 ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	224850	48.289 ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	42812	47.259 ug/L	95
69) 1,3,5-Trichlorobenzene	13.21	180	147744	48.512 ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	127042	48.129 ug/L	100
71) Naphthalene	14.08	128	389341	47.719 ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	130788	49.917 ug/L	97

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

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