Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062819\
Data File : VU033060.D
Acq On : 27 Jun 2019 12:35
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Quant Time: Jun 28 02:43:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 09:05:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189325	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99655	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48717	37.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.30%			
7) Chloroethane-d5	1.67	69	44281	42.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.82%			
11) 1,1-Dichloroethene-d2	2.27	63	116064	44.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.06%			
21) 2-Butanone-d5	4.17	46	115922	107.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.64%			
24) Chloroform-d	4.64	84	126117	50.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.28%			
26) 1,2-Dichloroethane-d4	5.30	65	85329	50.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.86%			
32) Benzene-d6	5.33	84	225506	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.94%			
36) 1,2-Dichloropropane-d6	6.32	67	75231	47.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.24%			
41) Toluene-d8	7.56	98	211662	45.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.14%			
43) trans-1,3-Dichloropropene-	7.84	79	38135	46.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.80%			
47) 2-Hexanone-d5	8.31	63	70085	95.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.01%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118449	48.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	92729	48.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	98236	51.368	ug/L	100
3) Chloromethane	1.32	50	85681	49.432	ug/L	99
5) Vinyl chloride	1.40	62	87046	50.631	ug/L	99
6) Bromomethane	1.62	94	50022	49.446	ug/L	100
8) Chloroethane	1.69	64	51064	51.598	ug/L	99
9) Trichlorofluoromethane	1.88	101	126219	52.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	66830	52.824	ug/L	98
12) 1,1-Dichloroethene	2.28	96	59131	49.597	ug/L	89
13) Acetone	2.32	43	143670	96.587	ug/L	97
14) Carbon disulfide	2.47	76	178849	47.408	ug/L	99
15) Methyl Acetate	2.61	43	90489	53.667	ug/L	97
16) Methylene chloride	2.69	84	71723	51.268	ug/L	96
17) trans-1,2-Dichloroethene	2.97	96	64850	50.159	ug/L	97
18) Methyl tert-butyl Ether	2.99	73	216233	52.092	ug/L	98
19) 1,1-Dichloroethane	3.44	63	131358	53.293	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	73056	51.870	ug/L	99
22) 2-Butanone	4.25	43	157216	101.974	ug/L	97

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Quant Time: Jun 28 02:43:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 09:05:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	39092	53.204	ug/L	95
25) Chloroform	4.66	83	137823	54.222	ug/L	99
27) 1,2-Dichloroethane	5.40	62	116226	55.660	ug/L	100
29) Cyclohexane	4.99	56	110747	49.855	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	120705	52.077	ug/L	99
31) Carbon tetrachloride	5.13	117	107970	51.196	ug/L	99
33) Benzene	5.38	78	279708	51.037	ug/L	100
34) Trichloroethene	6.18	95	74834	51.105	ug/L	97
35) Methylcyclohexane	6.41	83	115956	51.230	ug/L	98
37) 1,2-Dichloropropane	6.42	63	77803	51.754	ug/L	99
38) Bromodichloromethane	6.75	83	104632	51.761	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	122470	52.290	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	257111	107.124	ug/L	98
42) Toluene	7.63	91	305372	51.499	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	113759	51.712	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	73071	52.222	ug/L	99
46) Tetrachloroethene	8.22	164	61142	50.957	ug/L	98
48) 2-Hexanone	8.36	43	219731	103.762	ug/L	98
49) Dibromochloromethane	8.47	129	85309	50.573	ug/L	97
50) 1,2-Dibromoethane	8.58	107	79316	51.042	ug/L	99
51) Chlorobenzene	9.11	112	198795	50.947	ug/L	97
52) Ethylbenzene	9.24	91	340972	51.950	ug/L	99
53) m,p-Xylene	9.37	106	128701	51.972	ug/L	98
54) o-xylene	9.77	106	126579	52.341	ug/L	99
55) Styrene	9.79	104	217513	51.846	ug/L	96
56) Isopropylbenzene	10.16	105	336372	51.612	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	127379	50.309	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	101174	50.429	ug/L	98
61) Bromoform	9.95	173	66578	51.164	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	158800	51.265	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	165101	51.603	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	162191	51.281	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	29636	49.114	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	127857	51.371	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	108713	50.762	ug/L	99
69) Naphthalene	13.74	128	301326	45.761	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	113377	50.008	ug/L	99

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

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