Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080918\
Data File : VU026033.D
Acq On : 10 Aug 2018 06:57
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05050

Quant Time: Aug 10 08:32:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	307483	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143604	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	98348	43.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.52%			
7) Chloroethane-d5	1.67	69	83741	46.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.98%			
11) 1,1-Dichloroethene-d2	2.27	63	188989	44.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.50%			
21) 2-Butanone-d5	4.18	46	175591	93.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.74%			
24) Chloroform-d	4.65	84	228973	48.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.08%			
26) 1,2-Dichloroethane-d4	5.31	65	151716	47.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.24%			
32) Benzene-d6	5.35	84	433295	48.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.34%			
36) 1,2-Dichloropropane-d6	6.33	67	139681	48.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.00%			
41) Toluene-d8	7.57	98	409039	47.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.06%			
43) trans-1,3-Dichloropropene-	7.85	79	65394	44.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.20%			
47) 2-Hexanone-d5	8.31	63	127470	96.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.43%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	207656	48.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	172709	48.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	137134	51.19	ug/L	99
3) Chloromethane	1.33	50	121169	50.41	ug/L	100
5) Vinyl chloride	1.40	62	122199	52.69	ug/L	97
6) Bromomethane	1.62	94	71948	58.01	ug/L	100
8) Chloroethane	1.69	64	72549	52.05	ug/L	98
9) Trichlorofluoromethane	1.89	101	172795	52.07	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	90158	46.71	ug/L	100
12) 1,1-Dichloroethene	2.28	96	85750	48.30	ug/L	91
13) Acetone	2.32	43	103598	89.03	ug/L	99
14) Carbon disulfide	2.48	76	302171	51.74	ug/L	99
15) Methyl Acetate	2.62	43	117206	48.08	ug/L	99
16) Methylene chloride	2.70	84	114336	50.45	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	104346	52.75	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	333278	51.27	ug/L	99
19) 1,1-Dichloroethane	3.45	63	195127	50.86	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	114778	50.43	ug/L	96
22) 2-Butanone	4.26	43	164682	97.81	ug/L	99

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Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05050

Quant Time: Aug 10 08:32:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	61846	51.02	ug/L	95
25) Chloroform	4.68	83	205938	51.55	ug/L	100
27) 1,2-Dichloroethane	5.41	62	167467	50.75	ug/L	99
29) Cyclohexane	5.00	56	166710	51.50	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	184933	50.60	ug/L	99
31) Carbon tetrachloride	5.14	117	172317	51.64	ug/L	99
33) Benzene	5.39	78	430940	52.24	ug/L	100
34) Trichloroethene	6.19	95	111317	51.65	ug/L	99
35) Methylcyclohexane	6.42	83	171477	52.11	ug/L	99
37) 1,2-Dichloropropane	6.44	63	119121	52.77	ug/L	100
38) Bromodichloromethane	6.76	83	156135	51.92	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	166807	48.76	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	310727	100.18	ug/L	99
42) Toluene	7.64	91	464055	52.99	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	156216	47.97	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	110872	51.52	ug/L	98
46) Tetrachloroethene	8.23	164	94638	51.60	ug/L	98
48) 2-Hexanone	8.36	43	239077	98.94	ug/L	99
49) Dibromochloromethane	8.48	129	137260	52.89	ug/L	100
50) 1,2-Dibromoethane	8.59	107	119309	50.90	ug/L	99
51) Chlorobenzene	9.12	112	306316	51.88	ug/L	99
52) Ethylbenzene	9.25	91	502494	52.44	ug/L	99
53) m,p-Xylene	9.38	106	198850	54.31	ug/L	98
54) o-xylene	9.78	106	195524	53.81	ug/L	99
55) Styrene	9.80	104	332386	54.94	ug/L	98
56) Isopropylbenzene	10.17	105	505319	53.98	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	187204	51.18	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	146358	50.27	ug/L	99
61) Bromoform	9.96	173	100950	51.92	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	234460	52.44	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	238534	50.90	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	251118	52.77	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	41802	50.05	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	174006	52.08	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	151687	53.68	ug/L	98
69) Naphthalene	13.74	128	464590	50.97	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	159121	52.40	ug/L	100

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

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