Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071919\
Data File : VU033332.D
Acq On : 19 Jul 2019 12:00
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Jul 19 22:47:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	275923	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	274550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137306	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	111206	53.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.48%			
7) Chloroethane-d5	1.67	69	97538	54.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.32%			
11) 1,1-Dichloroethene-d2	2.26	63	194117	51.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.48%			
21) 2-Butanone-d5	4.15	46	155356	117.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.39%			
24) Chloroform-d	4.62	84	186110	53.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.34%			
26) 1,2-Dichloroethane-d4	5.29	65	120390	53.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.24%			
32) Benzene-d6	5.32	84	372776	55.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.70%			
36) 1,2-Dichloropropane-d6	6.31	67	116784	54.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.26%			
41) Toluene-d8	7.55	98	346697	54.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.18%			
43) trans-1,3-Dichloropropene-	7.83	79	58370	55.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.34%			
47) 2-Hexanone-d5	8.29	63	111506	114.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.64%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176570	54.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.14%			
64) 1,2-Dichlorobenzene-d4	11.85	152	130789	53.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	132046	48.291	ug/L	99
3) Chloromethane	1.32	50	131497	48.814	ug/L	99
5) Vinyl chloride	1.40	62	151841	48.766	ug/L	99
6) Bromomethane	1.61	94	93472	48.155	ug/L	100
8) Chloroethane	1.69	64	93456	49.624	ug/L	97
9) Trichlorofluoromethane	1.87	101	203750	49.764	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	93511	49.677	ug/L	99
12) 1,1-Dichloroethene	2.27	96	88585	48.100	ug/L	97
13) Acetone	2.31	43	160665	97.162	ug/L	100
14) Carbon disulfide	2.46	76	257997	45.804	ug/L	99
15) Methyl Acetate	2.60	43	110453	51.151	ug/L	99
16) Methylene chloride	2.68	84	102380	48.688	ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	91870	48.265	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	297020	50.554	ug/L	100
19) 1,1-Dichloroethane	3.42	63	184874	50.528	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	107034	49.853	ug/L	95
22) 2-Butanone	4.23	43	188247	102.479	ug/L	99

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Instrument : MSVOA_U
ClientSampleId : VSTD05053

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Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	54607	49.670	ug/L	95
25) Chloroform	4.65	83	193163	49.639	ug/L	99
27) 1,2-Dichloroethane	5.38	62	157766	52.357	ug/L	99
29) Cyclohexane	4.97	56	159394	53.280	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	162293	50.668	ug/L	99
31) Carbon tetrachloride	5.11	117	144011	51.376	ug/L	98
33) Benzene	5.37	78	411782	51.430	ug/L	100
34) Trichloroethene	6.16	95	105973	50.609	ug/L	98
35) Methylcyclohexane	6.40	83	173129	53.974	ug/L	98
37) 1,2-Dichloropropane	6.41	63	112126	51.638	ug/L	99
38) Bromodichloromethane	6.74	83	145139	51.818	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	174820	52.511	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	316427	108.631	ug/L	99
42) Toluene	7.62	91	454773	52.685	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	159855	53.242	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	105523	51.384	ug/L	98
46) Tetrachloroethene	8.21	164	82041	50.612	ug/L	99
48) 2-Hexanone	8.34	43	264263	111.360	ug/L	98
49) Dibromochloromethane	8.46	129	118006	51.513	ug/L	99
50) 1,2-Dibromoethane	8.57	107	114525	51.148	ug/L	97
51) Chlorobenzene	9.10	112	284362	50.471	ug/L	98
52) Ethylbenzene	9.23	91	499335	54.060	ug/L	99
53) m,p-Xylene	9.36	106	188103	53.765	ug/L	100
54) o-xylene	9.76	106	186089	53.567	ug/L	100
55) Styrene	9.77	104	319127	54.183	ug/L	97
56) Isopropylbenzene	10.15	105	484425	54.190	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	184068	51.027	ug/L	97
59) 1,2,3-Trichloropropane	10.48	75	146814	51.937	ug/L	99
61) Bromoform	9.94	173	84263	50.249	ug/L	96
62) 1,3-Dichlorobenzene	11.40	146	219884	52.023	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	221587	50.141	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	223208	51.493	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	40914	49.453	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	164154	53.741	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	141982	53.215	ug/L	99
69) Naphthalene	13.73	128	478746	55.963	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	146143	50.453	ug/L	100

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

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