Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033465.D
Acq On : 26 Jul 2019 19:45
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05059

Quant Time: Jul 27 02:04:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	279592	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291001	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	148747	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	89868	42.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.92%			
7) Chloroethane-d5	1.67	69	88741	49.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.16%			
11) 1,1-Dichloroethene-d2	2.26	63	186523	48.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.18%			
21) 2-Butanone-d5	4.15	46	158363	118.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.09%			
24) Chloroform-d	4.62	84	183670	51.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.56%			
26) 1,2-Dichloroethane-d4	5.29	65	118603	52.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.26%			
32) Benzene-d6	5.32	84	347872	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.46%			
36) 1,2-Dichloropropane-d6	6.31	67	115702	50.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.20%			
41) Toluene-d8	7.55	98	322437	47.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	7.83	79	53767	47.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.90%			
47) 2-Hexanone-d5	8.29	63	109266	105.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.99%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	191214	55.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.50%			
64) 1,2-Dichlorobenzene-d4	11.85	152	131693	49.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134493	48.541	ug/L	100
3) Chloromethane	1.32	50	134432	49.249	ug/L	100
5) Vinyl chloride	1.39	62	154597	49.000	ug/L	99
6) Bromomethane	1.61	94	93529	47.552	ug/L	99
8) Chloroethane	1.68	64	98106	51.409	ug/L	99
9) Trichlorofluoromethane	1.87	101	211064	50.874	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	100148	52.505	ug/L	97
12) 1,1-Dichloroethene	2.27	96	96200	51.549	ug/L	92
13) Acetone	2.31	43	118340	70.627	ug/L	99
14) Carbon disulfide	2.46	76	265755	46.562	ug/L	99
15) Methyl Acetate	2.60	43	114441	52.302	ug/L	99
16) Methylene chloride	2.68	84	110161	51.701	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	97055	50.320	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	302664	50.839	ug/L	99
19) 1,1-Dichloroethane	3.42	63	194547	52.474	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	113030	51.955	ug/L	98
22) 2-Butanone	4.23	43	169947	91.302	ug/L	100

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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05059

Quant Time: Jul 27 02:04:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	58892	52.865	ug/L	98
25) Chloroform	4.65	83	209211	53.058	ug/L	99
27) 1,2-Dichloroethane	5.38	62	159939	52.382	ug/L	100
29) Cyclohexane	4.97	56	150863	47.577	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	171328	50.465	ug/L	99
31) Carbon tetrachloride	5.11	117	149856	50.439	ug/L	99
33) Benzene	5.37	78	432000	50.905	ug/L	100
34) Trichloroethene	6.16	95	110526	49.800	ug/L	98
35) Methylcyclohexane	6.40	83	159215	46.830	ug/L	98
37) 1,2-Dichloropropane	6.41	63	116609	50.667	ug/L	100
38) Bromodichloromethane	6.74	83	151982	51.194	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	174317	49.400	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	316837	102.623	ug/L	99
42) Toluene	7.62	91	478229	52.270	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	159555	50.138	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	113158	51.987	ug/L	98
46) Tetrachloroethene	8.21	164	87417	50.879	ug/L	99
48) 2-Hexanone	8.34	43	248266	98.705	ug/L	98
49) Dibromochloromethane	8.46	129	124281	51.185	ug/L	100
50) 1,2-Dibromoethane	8.57	107	120825	50.911	ug/L	97
51) Chlorobenzene	9.10	112	303969	50.901	ug/L	98
52) Ethylbenzene	9.23	91	508214	51.910	ug/L	99
53) m,p-Xylene	9.36	106	191488	51.638	ug/L	98
54) o-xylene	9.76	106	191152	51.914	ug/L	99
55) Styrene	9.77	104	333130	53.363	ug/L	97
56) Isopropylbenzene	10.15	105	487673	51.469	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	196876	51.493	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	154511	51.570	ug/L	99
61) Bromoform	9.94	173	91330	50.274	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	221236	48.317	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	235990	49.293	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	237703	50.619	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	41499	46.302	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	170195	51.433	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	147266	50.950	ug/L	99
69) Naphthalene	13.73	128	482695	52.084	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	156417	49.847	ug/L	99

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

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