Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072320\
Data File : VU039642.D
Acq On : 23 Jul 2020 17:57
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 24 03:10:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 02:44:03 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : MDL03

Manual Integrations APPROVED
sam
7/30/2020 2:58:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	197882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	188274	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	88159	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	55095	42.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.54%			
7) Chloroethane-d5	1.92	69	64806	41.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.96%			
11) 1,1-Dichloroethene-d2	2.58	63	91935	33.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.42%			
21) 2-Butanone-d5	4.65	46	143589	96.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.55%			
24) Chloroform-d	5.08	84	128244	44.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.54%			
26) 1,2-Dichloroethane-d4	5.72	65	93085	44.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.92%			
32) Benzene-d6	5.75	84	247704	47.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.76%			
36) 1,2-Dichloropropane-d6	6.71	67	81721	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.34%			
41) Toluene-d8	7.91	98	226542	46.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.10%			
43) trans-1,3-Dichloropropene-	8.19	79	38011	43.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.86%			
47) 2-Hexanone-d5	8.64	63	88099	94.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.21%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	122048	44.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.92%			
64) 1,2-Dichlorobenzene-d4	12.19	152	88421	45.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2740	2.033	ug/L	97
3) Chloromethane	1.53	50	2681	1.914	ug/L	92
5) Vinyl chloride	1.61	62	3371	2.369	ug/L #	73
6) Bromomethane	1.87	94	2351	2.199	ug/L	92
8) Chloroethane	1.94	64	2770	2.189	ug/L	94
9) Trichlorofluoromethane	2.15	101	5090	2.024	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3205	2.648	ug/L #	78
12) 1,1-Dichloroethene	2.59	96	2743	2.430	ug/L #	1
13) Acetone	2.65	43	3783m	3.822	ug/L	
14) Carbon disulfide	2.81	76	7379	2.043	ug/L	96
15) Methyl Acetate	2.97	43	3481	1.963	ug/L	98
16) Methylene chloride	3.06	84	2857	2.113	ug/L	89
17) trans-1,2-Dichloroethene	3.37	96	2475	1.970	ug/L	84
18) Methyl tert-butyl Ether	3.38	73	8011	1.974	ug/L #	89
19) 1,1-Dichloroethane	3.89	63	4876	1.989	ug/L	95
20) cis-1,2-Dichloroethene	4.69	96	3019	2.103	ug/L	99
22) 2-Butanone	4.73	43	6513m	4.669	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	1268	1.758 ug/L #	82
25) Chloroform	5.11	83	9918	3.648 ug/L	94
27) 1,2-Dichloroethane	5.81	62	4574	2.029 ug/L #	95
29) Cyclohexane	5.41	56	4371	2.137 ug/L	97
30) 1,1,1-Trichloroethane	5.33	97	4867	2.159 ug/L	98
31) Carbon tetrachloride	5.54	117	3873	2.072 ug/L	98
33) Benzene	5.79	78	10790	2.079 ug/L	100
34) Trichloroethene	6.55	95	2671	1.946 ug/L	95
35) Methylcyclohexane	6.78	83	3901	1.838 ug/L	96
37) 1,2-Dichloropropane	6.80	63	2751	1.958 ug/L #	94
38) Bromodichloromethane	7.12	83	3848	2.062 ug/L	92
39) cis-1,3-Dichloropropene	7.62	75	4193	1.997 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	9697	3.962 ug/L	97
42) Toluene	7.98	91	11603	2.033 ug/L	94
44) trans-1,3-Dichloropropene	8.22	75	3821	1.858 ug/L	88
45) 1,1,2-Trichloroethane	8.40	97	2461	1.837 ug/L	89
46) Tetrachloroethene	8.56	164	2056	1.980 ug/L	91
48) 2-Hexanone	8.69	43	12564	6.300 ug/L	96
49) Dibromochloromethane	8.82	129	3119	2.062 ug/L	99
50) 1,2-Dibromoethane	8.93	107	2941	1.973 ug/L #	95
51) Chlorobenzene	9.45	112	7240	1.988 ug/L	90
52) Ethylbenzene	9.57	91	11864	1.881 ug/L	96
53) m,p-Xylene	9.69	106	4447	1.871 ug/L	99
54) o-xylene	10.10	106	4371	1.916 ug/L	93
55) Styrene	10.11	104	6628	1.679 ug/L	91
56) Isopropylbenzene	10.49	105	11569	1.868 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	5402	2.212 ug/L #	89
59) 1,2,3-Trichloropropane	10.82	75	4024	1.974 ug/L	94
61) Bromoform	10.29	173	1623	1.556 ug/L #	83
62) 1,3-Dichlorobenzene	11.74	146	5490	2.033 ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	6296	2.327 ug/L	90
65) 1,2-Dichlorobenzene	12.21	146	5666	2.076 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	941m	1.724 ug/L	
67) 1,3,5-Trichlorobenzene	13.21	180	3826	1.965 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	3051	1.846 ug/L	97
69) Naphthalene	14.08	128	8121	1.638 ug/L	96
70) 1,2,3-Trichlorobenzene	14.32	180	2890	1.731 ug/L	95

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

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