Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\
Data File : VU033506.D
Acq On : 30 Jul 2019 20:43
Operator : JC/SP
Sample : MDL06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
MMDadoda
7/31/2019 10:34:13 AM

Quant Time: Jul 31 08:31:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:02:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	316853	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	311335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	155931	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	106308	46.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.30%			
7) Chloroethane-d5	1.67	69	104949	53.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.26	63	146942	35.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.28%			
21) 2-Butanone-d5	4.16	46	154231	101.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.08%			
24) Chloroform-d	4.62	84	184573	47.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.29	65	119856	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.02%			
32) Benzene-d6	5.32	84	382185	49.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.04%			
36) 1,2-Dichloropropane-d6	6.31	67	118995	49.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.36%			
41) Toluene-d8	7.55	98	345410	47.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.52%			
43) trans-1,3-Dichloropropene-	7.83	79	55400	46.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.32%			
47) 2-Hexanone-d5	8.30	63	114431	99.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.62%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	177813	47.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.32%			
64) 1,2-Dichlorobenzene-d4	11.85	152	138556	48.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	8752	2.929	ug/L	98
3) Chloromethane	1.32	50	9585	3.185	ug/L	98
5) Vinyl chloride	1.40	62	10540	3.267	ug/L #	78
6) Bromomethane	1.62	94	7063	2.481	ug/L	92
8) Chloroethane	1.69	64	8545	4.358	ug/L	89
9) Trichlorofluoromethane	1.87	101	13708	3.248	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	7328	3.425	ug/L	91
12) 1,1-Dichloroethene	2.27	96	7143	3.481	ug/L #	1
13) Acetone	2.32	43	8708	5.578	ug/L	99
14) Carbon disulfide	2.46	76	20047	3.115	ug/L	96
15) Methyl Acetate	2.61	43	7582	3.051	ug/L	96
16) Methylene chloride	2.68	84	7627	3.254	ug/L	95
17) trans-1,2-Dichloroethene	2.96	96	6599	3.070	ug/L	97
18) Methyl tert-butyl Ether	2.98	73	19363	2.954	ug/L	98
19) 1,1-Dichloroethane	3.43	63	12706	3.149	ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	7193	2.981	ug/L	96
22) 2-Butanone	4.26	43	9774	5.245	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.53	128	3918m	3.112	ug/L		
25) Chloroform	4.65	83	17532	4.129	ug/L		93
27) 1,2-Dichloroethane	5.39	62	9855	3.014	ug/L		100
29) Cyclohexane	4.97	56	9762	2.875	ug/L		100
30) 1,1,1-Trichloroethane	4.89	97	11306	3.156	ug/L		97
31) Carbon tetrachloride	5.11	117	9405	3.015	ug/L		98
33) Benzene	5.37	78	28825	3.209	ug/L		100
34) Trichloroethene	6.17	95	7223	3.049	ug/L		93
35) Methylcyclohexane	6.39	83	10438	2.823	ug/L		98
37) 1,2-Dichloropropane	6.41	63	7704	3.205	ug/L	#	96
38) Bromodichloromethane	6.74	83	9632	3.099	ug/L	#	98
39) cis-1,3-Dichloropropene	7.25	75	10581	2.820	ug/L		100
40) 4-Methyl-2-pentanone	7.45	43	18825	5.671	ug/L		99
42) Toluene	7.62	91	30195	3.127	ug/L		97
44) trans-1,3-Dichloropropene	7.86	75	10418m	3.072	ug/L		
45) 1,1,2-Trichloroethane	8.05	97	7387	3.237	ug/L		94
46) Tetrachloroethene	8.21	164	5939	3.070	ug/L		96
48) 2-Hexanone	8.35	43	18642	6.948	ug/L		93
49) Dibromochloromethane	8.46	129	8291	3.193	ug/L		97
50) 1,2-Dibromoethane	8.57	107	7870	3.113	ug/L		93
51) Chlorobenzene	9.10	112	19787	3.129	ug/L		98
52) Ethylbenzene	9.23	91	30452	2.928	ug/L		99
53) m,p-Xylene	9.36	106	10939	2.740	ug/L		89
54) o-xylene	9.76	106	10404	2.686	ug/L		98
55) Styrene	9.78	104	17394	2.644	ug/L		99
56) Isopropylbenzene	10.15	105	26413	2.610	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.44	83	13749	3.340	ug/L		93
59) 1,2,3-Trichloropropane	10.48	75	10121	3.189	ug/L		98
61) Bromoform	9.94	173	5800	3.079	ug/L		97
62) 1,3-Dichlorobenzene	11.40	146	14878	3.107	ug/L		96
63) 1,4-Dichlorobenzene	11.49	146	15660	3.148	ug/L		99
65) 1,2-Dichlorobenzene	11.86	146	15680	3.238	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.65	75	2637	2.948	ug/L		93
67) 1,3,5-Trichlorobenzene	12.88	180	10018	2.593	ug/L		96
68) 1,2,4-trichlorobenzene	13.49	180	7781	2.357	ug/L		97
69) Naphthalene	13.74	128	19176	2.025	ug/L		98
70) 1,2,3-Trichlorobenzene	13.98	180	8039	2.315	ug/L		98

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

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