Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\
Data File : VU033501.D
Acq On : 30 Jul 2019 18:49
Operator : JC/SP
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
7/31/2019 10:33:54 AM

Quant Time: Jul 31 08:24:49 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	331841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	326162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	160425	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	108050	44.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.56%			
7) Chloroethane-d5	1.67	69	93337	45.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.18%			
11) 1,1-Dichloroethene-d2	2.26	63	147968	33.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.58%			
21) 2-Butanone-d5	4.15	46	153749	96.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.21%			
24) Chloroform-d	4.62	84	182903	45.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.46%			
26) 1,2-Dichloroethane-d4	5.29	65	117724	45.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.94%			
32) Benzene-d6	5.32	84	380657	47.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.16%			
36) 1,2-Dichloropropane-d6	6.31	67	119895	47.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.60%			
41) Toluene-d8	7.55	98	346143	45.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.38%			
43) trans-1,3-Dichloropropene-	7.83	79	56514	44.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.90%			
47) 2-Hexanone-d5	8.29	63	112062	93.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.12%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	175539	44.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.84%			
64) 1,2-Dichlorobenzene-d4	11.85	152	138890	47.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	8417	2.690	ug/L	99
3) Chloromethane	1.32	50	9236	2.930	ug/L	96
5) Vinyl chloride	1.40	62	9478	2.805	ug/L #	68
6) Bromomethane	1.62	94	7414	2.487	ug/L	95
8) Chloroethane	1.69	64	5363	2.612	ug/L	90
9) Trichlorofluoromethane	1.87	101	12139	2.746	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	7297	3.256	ug/L #	83
12) 1,1-Dichloroethene	2.27	96	6749	3.141	ug/L #	1
13) Acetone	2.31	43	8390	5.132	ug/L	97
14) Carbon disulfide	2.46	76	19210	2.850	ug/L	97
15) Methyl Acetate	2.60	43	6889	2.647	ug/L	95
16) Methylene chloride	2.68	84	7195	2.931	ug/L	94
17) trans-1,2-Dichloroethene	2.97	96	6416	2.850	ug/L	92
18) Methyl tert-butyl Ether	2.98	73	17599	2.563	ug/L	97
19) 1,1-Dichloroethane	3.42	63	11749	2.780	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	6721	2.660	ug/L	99
22) 2-Butanone	4.25	43	10028m	5.138	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.53	128	3406	2.583	ug/L		83
25) Chloroform	4.65	83	15866	3.568	ug/L		98
27) 1,2-Dichloroethane	5.39	62	9351	2.731	ug/L		97
29) Cyclohexane	4.97	56	8949	2.515	ug/L	#	93
30) 1,1,1-Trichloroethane	4.89	97	10260	2.734	ug/L		97
31) Carbon tetrachloride	5.11	117	8371	2.561	ug/L		98
33) Benzene	5.37	78	26125	2.777	ug/L		100
34) Trichloroethene	6.17	95	6714	2.705	ug/L		95
35) Methylcyclohexane	6.40	83	9946	2.568	ug/L		98
37) 1,2-Dichloropropane	6.41	63	6974	2.769	ug/L	#	93
38) Bromodichloromethane	6.74	83	8892	2.731	ug/L		99
39) cis-1,3-Dichloropropene	7.25	75	10467	2.663	ug/L		94
40) 4-Methyl-2-pentanone	7.44	43	17734	5.100	ug/L		99
42) Toluene	7.62	91	27442	2.712	ug/L		96
44) trans-1,3-Dichloropropene	7.86	75	9809m	2.761	ug/L		
45) 1,1,2-Trichloroethane	8.05	97	6455	2.700	ug/L		98
46) Tetrachloroethene	8.22	164	5558	2.743	ug/L		94
48) 2-Hexanone	8.35	43	15198	5.407	ug/L		92
49) Dibromochloromethane	8.46	129	6984	2.567	ug/L		99
50) 1,2-Dibromoethane	8.57	107	7522	2.840	ug/L	#	94
51) Chlorobenzene	9.10	112	17718	2.675	ug/L		99
52) Ethylbenzene	9.23	91	27081	2.486	ug/L		97
53) m,p-Xylene	9.36	106	10569	2.527	ug/L		84
54) o-xylene	9.76	106	9527	2.348	ug/L		97
55) Styrene	9.78	104	14680	2.130	ug/L		99
56) Isopropylbenzene	10.15	105	24314	2.294	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	12122	2.811	ug/L	#	98
59) 1,2,3-Trichloropropane	10.48	75	8833	2.657	ug/L		99
61) Bromoform	9.94	173	5319	2.745	ug/L		99
62) 1,3-Dichlorobenzene	11.40	146	14238	2.890	ug/L		98
63) 1,4-Dichlorobenzene	11.49	146	15138	2.957	ug/L		97
65) 1,2-Dichlorobenzene	11.86	146	14660	2.943	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.65	75	2610	2.836	ug/L		84
67) 1,3,5-Trichlorobenzene	12.88	180	10483	2.637	ug/L		99
68) 1,2,4-trichlorobenzene	13.49	180	7643	2.250	ug/L		93
69) Naphthalene	13.74	128	17824	1.829	ug/L	#	94
70) 1,2,3-Trichlorobenzene	13.98	180	8307	2.326	ug/L		98

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

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