Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072320\
Data File : VU039645.D
Acq On : 23 Jul 2020 19:03
Operator : SY/MD
Sample : MDL06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
7/30/2020 2:58:15 AM

Quant Time: Jul 24 03:16:48 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	181085	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	174456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	79955	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	53802	45.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.28%			
7) Chloroethane-d5	1.92	69	62657	44.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.70%			
11) 1,1-Dichloroethene-d2	2.58	63	87997	35.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.52%			
21) 2-Butanone-d5	4.65	46	130816	96.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.12%			
24) Chloroform-d	5.09	84	122888	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.70%			
26) 1,2-Dichloroethane-d4	5.72	65	91045	48.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.10%			
32) Benzene-d6	5.75	84	239356	49.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.82%			
36) 1,2-Dichloropropane-d6	6.71	67	79565	50.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.18%			
41) Toluene-d8	7.91	98	218928	48.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.06%			
43) trans-1,3-Dichloropropene-	8.19	79	37191	46.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.78%			
47) 2-Hexanone-d5	8.64	63	83027	95.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.81%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	116438	46.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.58%			
64) 1,2-Dichlorobenzene-d4	12.19	152	88116	50.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2619	2.123	ug/L	100
3) Chloromethane	1.53	50	2990	2.333	ug/L	98
5) Vinyl chloride	1.61	62	3202	2.459	ug/L #	83
6) Bromomethane	1.87	94	2674	2.733	ug/L	95
8) Chloroethane	1.94	64	2778	2.399	ug/L	95
9) Trichlorofluoromethane	2.15	101	4780	2.077	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3075	2.776	ug/L #	78
12) 1,1-Dichloroethene	2.59	96	2872	2.780	ug/L #	1
13) Acetone	2.65	43	3934	4.343	ug/L	88
14) Carbon disulfide	2.81	76	7048	2.132	ug/L #	93
15) Methyl Acetate	2.97	43	3307	2.038	ug/L	96
16) Methylene chloride	3.06	84	2674	2.161	ug/L	94
17) trans-1,2-Dichloroethene	3.37	96	2622	2.281	ug/L	82
18) Methyl tert-butyl Ether	3.38	73	7884	2.122	ug/L #	90
19) 1,1-Dichloroethane	3.89	63	5049	2.251	ug/L	97
20) cis-1,2-Dichloroethene	4.68	96	3068	2.335	ug/L	83
22) 2-Butanone	4.73	43	5600	4.387	ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.00	128	1353m	2.049 ug/L		
25) Chloroform	5.11	83	10651	4.281 ug/L		95
27) 1,2-Dichloroethane	5.81	62	4975	2.411 ug/L		100
29) Cyclohexane	5.40	56	4540	2.395 ug/L	#	87
30) 1,1,1-Trichloroethane	5.33	97	4571	2.189 ug/L	#	77
31) Carbon tetrachloride	5.55	117	4183	2.415 ug/L		95
33) Benzene	5.79	78	11359	2.362 ug/L		100
34) Trichloroethene	6.56	95	3363	2.644 ug/L		88
35) Methylcyclohexane	6.78	83	4286	2.180 ug/L		94
37) 1,2-Dichloropropane	6.81	63	3231	2.482 ug/L	#	89
38) Bromodichloromethane	7.12	83	3640	2.106 ug/L	#	95
39) cis-1,3-Dichloropropene	7.62	75	4472	2.299 ug/L		96
40) 4-Methyl-2-pentanone	7.80	43	9682	4.269 ug/L		98
42) Toluene	7.98	91	11826	2.237 ug/L		99
44) trans-1,3-Dichloropropene	8.22	75	3972	2.085 ug/L		97
45) 1,1,2-Trichloroethane	8.41	97	2953	2.379 ug/L		88
46) Tetrachloroethene	8.56	164	2072	2.154 ug/L		82
48) 2-Hexanone	8.69	43	11925	6.453 ug/L		98
49) Dibromochloromethane	8.81	129	2823	2.014 ug/L		87
50) 1,2-Dibromoethane	8.93	107	3094	2.240 ug/L	#	94
51) Chlorobenzene	9.45	112	7234	2.144 ug/L		89
52) Ethylbenzene	9.57	91	12597	2.156 ug/L		94
53) m,p-Xylene	9.70	106	4271	1.939 ug/L		96
54) o-xylene	10.10	106	4190	1.982 ug/L		90
55) Styrene	10.12	104	6710	1.834 ug/L		94
56) Isopropylbenzene	10.48	105	11363	1.980 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	5231	2.312 ug/L	#	90
59) 1,2,3-Trichloropropane	10.83	75	3803m	2.013 ug/L		
61) Bromoform	10.29	173	1837	1.942 ug/L	#	81
62) 1,3-Dichlorobenzene	11.74	146	5722	2.336 ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	5571	2.271 ug/L		96
65) 1,2-Dichlorobenzene	12.21	146	5882	2.377 ug/L	#	92
66) 1,2-Dibromo-3-chloropropan	12.98	75	944m	1.907 ug/L		
67) 1,3,5-Trichlorobenzene	13.21	180	3812	2.158 ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	2980	1.988 ug/L		92
69) Naphthalene	14.08	128	8230	1.830 ug/L		97
70) 1,2,3-Trichlorobenzene	14.32	180	3058	2.020 ug/L		94

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

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