Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091020\
Data File : VV018186.D
Acq On : 10 Sep 2020 17:49
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
9/11/2020 10:29:01 AM

Quant Time: Sep 11 03:21:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 11 01:30:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293719	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149267	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	101921	42.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.16%			
7) Chloroethane-d5	1.58	69	88982	45.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.86%			
11) 1,1-Dichloroethene-d2	2.12	63	153180	34.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.78%			
21) 2-Butanone-d5	3.91	46	142490	97.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.25%			
24) Chloroform-d	4.38	84	187193	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.14%			
26) 1,2-Dichloroethane-d4	5.06	65	127736	47.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.96%			
32) Benzene-d6	5.08	84	388373	47.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.26%			
36) 1,2-Dichloropropane-d6	6.09	67	125621	47.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.96%			
41) Toluene-d8	7.34	98	351373	46.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.58%			
43) trans-1,3-Dichloropropene-	7.64	79	59578	44.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.56%			
47) 2-Hexanone-d5	8.11	63	89660	90.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.40%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153594	46.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.48%			
64) 1,2-Dichlorobenzene-d4	11.65	152	152237	49.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4968	2.320	ug/L	98
3) Chloromethane	1.25	50	5540	2.369	ug/L	99
5) Vinyl chloride	1.32	62	5885	2.454	ug/L #	78
6) Bromomethane	1.53	94	3270	2.231	ug/L	97
8) Chloroethane	1.60	64	3594	2.392	ug/L	100
9) Trichlorofluoromethane	1.77	101	7473	2.265	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5652	2.852	ug/L #	84
12) 1,1-Dichloroethene	2.13	96	5547	2.876	ug/L #	1
13) Acetone	2.19	43	4723	4.026	ug/L	100
14) Carbon disulfide	2.31	76	13393	2.270	ug/L	99
15) Methyl Acetate	2.46	43	4561	2.163	ug/L	98
16) Methylene chloride	2.53	84	5443	2.517	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	4416	2.222	ug/L	94
18) Methyl tert-butyl Ether	2.79	73	12619	2.052	ug/L	98
19) 1,1-Dichloroethane	3.22	63	8459	2.251	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	4767	2.244	ug/L	87
22) 2-Butanone	4.02	43	6128m	4.411	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	2574	2.316 ug/L		85
25) Chloroform	4.40	83	15944	4.174 ug/L		95
27) 1,2-Dichloroethane	5.17	62	6224	2.105 ug/L		100
29) Cyclohexane	4.71	56	7110	2.139 ug/L		97
30) 1,1,1-Trichloroethane	4.64	97	7335	2.196 ug/L		100
31) Carbon tetrachloride	4.86	117	6265	2.133 ug/L		99
33) Benzene	5.13	78	18444	2.241 ug/L		100
34) Trichloroethene	5.94	95	5269	2.350 ug/L		98
35) Methylcyclohexane	6.16	83	6992	2.071 ug/L		96
37) 1,2-Dichloropropane	6.20	63	4820	2.210 ug/L	#	91
38) Bromodichloromethane	6.54	83	5926	2.088 ug/L		96
39) cis-1,3-Dichloropropene	7.05	75	7072	2.105 ug/L		100
40) 4-Methyl-2-pentanone	7.25	43	10556	3.990 ug/L		97
42) Toluene	7.41	91	19517	2.241 ug/L		99
44) trans-1,3-Dichloropropene	7.68	75	6831	2.088 ug/L		94
45) 1,1,2-Trichloroethane	7.87	97	4761	2.355 ug/L		91
46) Tetrachloroethene	8.00	164	4079	2.320 ug/L		94
48) 2-Hexanone	8.16	43	15832	7.590 ug/L		92
49) Dibromochloromethane	8.27	129	4653	2.051 ug/L		94
50) 1,2-Dibromoethane	8.38	107	4795	2.254 ug/L	#	96
51) Chlorobenzene	8.90	112	12949	2.289 ug/L		96
52) Ethylbenzene	9.04	91	20673	2.174 ug/L		96
53) m,p-Xylene	9.16	106	6974	1.965 ug/L		100
54) o-xylene	9.57	106	6379	1.866 ug/L		97
55) Styrene	9.59	104	10629	1.788 ug/L		96
56) Isopropylbenzene	9.95	105	17321	1.880 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	7335	2.453 ug/L	#	99
59) 1,2,3-Trichloropropane	10.30	75	5719	2.229 ug/L		100
61) Bromoform	9.76	173	3026	1.887 ug/L	#	38
62) 1,3-Dichlorobenzene	11.21	146	9917	2.234 ug/L		95
63) 1,4-Dichlorobenzene	11.30	146	11028	2.417 ug/L		97
65) 1,2-Dichlorobenzene	11.67	146	10854	2.419 ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.45	75	1177	1.859 ug/L		89
67) 1,3,5-Trichlorobenzene	12.67	180	7658	2.189 ug/L		98
68) 1,2,4-trichlorobenzene	13.29	180	6339	2.034 ug/L		97
69) Naphthalene	13.53	128	12505	1.586 ug/L		100
70) 1,2,3-Trichlorobenzene	13.77	180	5941	1.936 ug/L		99

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

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