Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091020\
Data File : VV018188.D
Acq On : 10 Sep 2020 18:56
Operator : SY/MD
Sample : MDL06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 11 03:24:58 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

Instrument : MSVOA_V
ClientSampleId : MDL06

Manual Integrations APPROVED
MMDadoda
9/11/2020 10:29:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290602	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145473	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	96651	40.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.62%			
7) Chloroethane-d5	1.58	69	85577	44.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.32%			
11) 1,1-Dichloroethene-d2	2.12	63	148691	34.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.46%			
21) 2-Butanone-d5	3.91	46	143491	98.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.99%			
24) Chloroform-d	4.38	84	183132	44.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.14%			
26) 1,2-Dichloroethane-d4	5.06	65	126682	48.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.20%			
32) Benzene-d6	5.08	84	379659	46.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.09	67	124009	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.78%			
41) Toluene-d8	7.34	98	343468	45.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.54%			
43) trans-1,3-Dichloropropene-	7.64	79	59692	44.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.78%			
47) 2-Hexanone-d5	8.11	63	89001	89.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.80%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151348	46.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.18%			
64) 1,2-Dichlorobenzene-d4	11.65	152	148809	49.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4941	2.332	ug/L	97
3) Chloromethane	1.25	50	5531	2.390	ug/L	97
5) Vinyl chloride	1.32	62	5896	2.485	ug/L #	66
6) Bromomethane	1.53	94	3365	2.320	ug/L	99
8) Chloroethane	1.60	64	3897	2.622	ug/L	99
9) Trichlorofluoromethane	1.77	101	7909	2.423	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5838	2.977	ug/L #	83
12) 1,1-Dichloroethene	2.13	96	5829	3.055	ug/L #	1
13) Acetone	2.19	43	4596	3.959	ug/L	95
14) Carbon disulfide	2.31	76	13143	2.251	ug/L	98
15) Methyl Acetate	2.46	43	4928	2.362	ug/L	94
16) Methylene chloride	2.53	84	5936	2.774	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	4667	2.373	ug/L	95
18) Methyl tert-butyl Ether	2.79	73	13381	2.200	ug/L	99
19) 1,1-Dichloroethane	3.22	63	8547	2.299	ug/L	98
20) cis-1,2-Dichloroethene	3.95	96	4906	2.334	ug/L	93
22) 2-Butanone	4.02	43	5882m	4.279	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	2572	2.339	ug/L		91
25) Chloroform	4.41	83	17425	4.611	ug/L		99
27) 1,2-Dichloroethane	5.16	62	7349	2.512	ug/L	#	94
29) Cyclohexane	4.71	56	7176	2.160	ug/L		98
30) 1,1,1-Trichloroethane	4.63	97	7596	2.275	ug/L		99
31) Carbon tetrachloride	4.86	117	6596	2.247	ug/L		99
33) Benzene	5.13	78	19689	2.394	ug/L		100
34) Trichloroethene	5.95	95	5823	2.599	ug/L		92
35) Methylcyclohexane	6.15	83	7279	2.158	ug/L		96
37) 1,2-Dichloropropane	6.20	63	5245	2.407	ug/L	#	94
38) Bromodichloromethane	6.54	83	6177	2.178	ug/L		99
39) cis-1,3-Dichloropropene	7.05	75	7326	2.182	ug/L		98
40) 4-Methyl-2-pentanone	7.25	43	10588	4.005	ug/L		100
42) Toluene	7.41	91	20216	2.323	ug/L		100
44) trans-1,3-Dichloropropene	7.68	75	6753	2.065	ug/L		97
45) 1,1,2-Trichloroethane	7.87	97	4507	2.231	ug/L		96
46) Tetrachloroethene	8.00	164	4015	2.286	ug/L		94
48) 2-Hexanone	8.16	43	17193	8.248	ug/L	#	97
49) Dibromochloromethane	8.27	129	4848	2.138	ug/L		98
50) 1,2-Dibromoethane	8.38	107	4912	2.311	ug/L	#	94
51) Chlorobenzene	8.90	112	13680	2.420	ug/L		95
52) Ethylbenzene	9.04	91	20061	2.111	ug/L		95
53) m,p-Xylene	9.16	106	7412	2.090	ug/L		97
54) o-xylene	9.57	106	7148	2.092	ug/L		98
55) Styrene	9.59	104	11137	1.875	ug/L		100
56) Isopropylbenzene	9.95	105	17977	1.952	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	7301	2.443	ug/L	#	98
59) 1,2,3-Trichloropropane	10.30	75	5894	2.299	ug/L		99
61) Bromoform	9.76	173	3029	1.938	ug/L	#	94
62) 1,3-Dichlorobenzene	11.21	146	10156	2.348	ug/L		97
63) 1,4-Dichlorobenzene	11.30	146	11051	2.485	ug/L		95
65) 1,2-Dichlorobenzene	11.67	146	11069	2.532	ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.45	75	1173	1.901	ug/L		97
67) 1,3,5-Trichlorobenzene	12.67	180	7576	2.222	ug/L		97
68) 1,2,4-trichlorobenzene	13.29	180	6248	2.057	ug/L		99
69) Naphthalene	13.53	128	12415	1.616	ug/L		100
70) 1,2,3-Trichlorobenzene	13.77	180	6180	2.066	ug/L		99

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

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