Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102820\
Data File : VV019141.D
Acq On : 28 Oct 2020 18:21
Operator : SY/MD
Sample : MDL06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
10/29/2020 3:32:10 PM

Quant Time: Oct 29 04:01:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 29 03:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	218317	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	210892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110607	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	73330	36.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.94%			
7) Chloroethane-d5	1.58	69	62891	39.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.12	63	124559	33.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.06%			
21) 2-Butanone-d5	3.91	46	112255	84.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.16%			
24) Chloroform-d	4.37	84	155975	44.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.92%			
26) 1,2-Dichloroethane-d4	5.05	65	112153	48.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.18%			
32) Benzene-d6	5.07	84	297317	46.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.18%			
36) 1,2-Dichloropropane-d6	6.09	67	88270	42.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.48%			
41) Toluene-d8	7.34	98	271617	47.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.16%			
43) trans-1,3-Dichloropropene-	7.64	79	48297	45.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.20%			
47) 2-Hexanone-d5	8.11	63	79686	87.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.71%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	118766	42.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.42%			
64) 1,2-Dichlorobenzene-d4	11.65	152	118707	51.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4435	2.608	ug/L	97
3) Chloromethane	1.25	50	3993	1.888	ug/L	98
5) Vinyl chloride	1.32	62	4875	2.340	ug/L #	72
6) Bromomethane	1.53	94	2994	2.512	ug/L	94
8) Chloroethane	1.60	64	3129	2.395	ug/L	100
9) Trichlorofluoromethane	1.77	101	7484	2.731	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4607	3.161	ug/L #	86
12) 1,1-Dichloroethene	2.13	96	4485	3.076	ug/L #	1
13) Acetone	2.19	43	4957m	5.483	ug/L	
14) Carbon disulfide	2.31	76	10624	2.210	ug/L	99
15) Methyl Acetate	2.46	43	3898	2.052	ug/L	94
16) Methylene chloride	2.52	84	4074	2.397	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	3711	2.408	ug/L	89
18) Methyl tert-butyl Ether	2.79	73	12336	2.469	ug/L	95
19) 1,1-Dichloroethane	3.21	63	7174	2.306	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	4188	2.542	ug/L	95
22) 2-Butanone	4.02	43	4566m	3.684	ug/L	

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	2165	2.581 ug/L	#	82
25) Chloroform	4.40	83	9062	2.957 ug/L		99
27) 1,2-Dichloroethane	5.16	62	6503m	2.557 ug/L		
29) Cyclohexane	4.70	56	5106	2.023 ug/L	#	82
30) 1,1,1-Trichloroethane	4.63	97	7045m	2.683 ug/L		
31) Carbon tetrachloride	4.86	117	6570	2.870 ug/L		94
33) Benzene	5.13	78	15759	2.441 ug/L		100
34) Trichloroethene	5.94	95	4309	2.641 ug/L		94
35) Methylcyclohexane	6.15	83	4871	2.182 ug/L		98
37) 1,2-Dichloropropane	6.20	63	4015	2.259 ug/L	#	93
38) Bromodichloromethane	6.54	83	5572	2.478 ug/L		97
39) cis-1,3-Dichloropropene	7.05	75	5901m	2.247 ug/L		
40) 4-Methyl-2-pentanone	7.25	43	9155	3.818 ug/L		93
42) Toluene	7.41	91	16637	2.511 ug/L		96
44) trans-1,3-Dichloropropene	7.68	75	6457m	2.478 ug/L		
45) 1,1,2-Trichloroethane	7.87	97	3891	2.479 ug/L		93
46) Tetrachloroethene	8.00	164	3573	2.854 ug/L		96
48) 2-Hexanone	8.17	43	8518	4.604 ug/L	#	90
49) Dibromochloromethane	8.27	129	4564	2.660 ug/L		98
50) 1,2-Dibromoethane	8.38	107	3859	2.369 ug/L	#	91
51) Chlorobenzene	8.90	112	11160	2.626 ug/L		98
52) Ethylbenzene	9.04	91	17098	2.386 ug/L		97
53) m,p-Xylene	9.16	106	6210	2.367 ug/L		91
54) o-xylene	9.57	106	6485	2.568 ug/L		97
55) Styrene	9.59	104	10278	2.294 ug/L		91
56) Isopropylbenzene	9.95	105	16269	2.450 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	6400	2.478 ug/L	#	90
59) 1,2,3-Trichloropropane	10.30	75	5496	2.645 ug/L		95
61) Bromoform	9.76	173	3520	2.826 ug/L	#	88
62) 1,3-Dichlorobenzene	11.21	146	8910	2.684 ug/L		93
63) 1,4-Dichlorobenzene	11.30	146	9967	2.874 ug/L		98
65) 1,2-Dichlorobenzene	11.67	146	9961	2.976 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.45	75	1532	2.591 ug/L		94
67) 1,3,5-Trichlorobenzene	12.67	180	6390	2.819 ug/L		96
68) 1,2,4-trichlorobenzene	13.29	180	5367	2.511 ug/L		97
69) Naphthalene	13.53	128	13127	1.993 ug/L		98
70) 1,2,3-Trichlorobenzene	13.77	180	5815	2.685 ug/L		93

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

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