Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102820\
Data File : VV019140.D
Acq On : 28 Oct 2020 17:33
Operator : SY/MD
Sample : MDL05
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL05

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:58:24 PM

Quant Time: Oct 29 03:57:11 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	220747	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	215045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108626	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	73265	36.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.06%			
7) Chloroethane-d5	1.58	69	65257	40.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.86%			
11) 1,1-Dichloroethene-d2	2.12	63	123939	33.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.00%			
21) 2-Butanone-d5	3.92	46	114959	85.24	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.24%			
24) Chloroform-d	4.37	84	161183	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.90%			
26) 1,2-Dichloroethane-d4	5.06	65	115193	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.70%			
32) Benzene-d6	5.07	84	302119	45.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.86%			
36) 1,2-Dichloropropane-d6	6.09	67	90805	42.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.22%			
41) Toluene-d8	7.34	98	269933	45.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.78%			
43) trans-1,3-Dichloropropene-	7.64	79	48618	44.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.06%			
47) 2-Hexanone-d5	8.11	63	83025	89.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.62%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	119142	42.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.02%			
64) 1,2-Dichlorobenzene-d4	11.65	152	114889	50.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3674	2.137	ug/L	100
3) Chloromethane	1.25	50	4363	2.040	ug/L	93
5) Vinyl chloride	1.32	62	4633	2.199	ug/L #	58
6) Bromomethane	1.53	94	3242	2.690	ug/L	94
8) Chloroethane	1.60	64	3085	2.335	ug/L	92
9) Trichlorofluoromethane	1.77	101	7241	2.613	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4029	2.734	ug/L	91
12) 1,1-Dichloroethene	2.13	96	4457	3.023	ug/L #	1
13) Acetone	2.21	43	5112m	5.592	ug/L	
14) Carbon disulfide	2.31	76	10558	2.172	ug/L	97
15) Methyl Acetate	2.46	43	4287m	2.232	ug/L	
16) Methylene chloride	2.52	84	4671	2.718	ug/L	88
17) trans-1,2-Dichloroethene	2.78	96	3912	2.511	ug/L	92
18) Methyl tert-butyl Ether	2.79	73	13316	2.636	ug/L	98
19) 1,1-Dichloroethane	3.22	63	7404	2.354	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	4275	2.566	ug/L	92
22) 2-Butanone	4.02	43	4494m	3.586	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.29	128	2216	2.613	ug/L		79
25) Chloroform	4.41	83	9024	2.912	ug/L		98
27) 1,2-Dichloroethane	5.17	62	6381	2.481	ug/L	#	94
29) Cyclohexane	4.70	56	4275	1.661	ug/L	#	81
30) 1,1,1-Trichloroethane	4.64	97	7128	2.662	ug/L		95
31) Carbon tetrachloride	4.86	117	6073	2.602	ug/L		96
33) Benzene	5.13	78	16055m	2.439	ug/L		
34) Trichloroethene	5.94	95	4336	2.606	ug/L		93
35) Methylcyclohexane	6.15	83	4390	1.929	ug/L		88
37) 1,2-Dichloropropane	6.20	63	3974	2.193	ug/L	#	87
38) Bromodichloromethane	6.54	83	5716	2.493	ug/L	#	78
39) cis-1,3-Dichloropropene	7.05	75	6246	2.332	ug/L		88
40) 4-Methyl-2-pentanone	7.25	43	10243	4.189	ug/L	#	93
42) Toluene	7.41	91	16348	2.419	ug/L		98
44) trans-1,3-Dichloropropene	7.68	75	6909m	2.600	ug/L		
45) 1,1,2-Trichloroethane	7.87	97	4266	2.665	ug/L		93
46) Tetrachloroethene	8.00	164	3314	2.596	ug/L		93
48) 2-Hexanone	8.17	43	8942	4.739	ug/L	#	96
49) Dibromochloromethane	8.27	129	4698	2.685	ug/L		98
50) 1,2-Dibromoethane	8.38	107	4141	2.493	ug/L	#	90
51) Chlorobenzene	8.90	112	11113	2.564	ug/L		98
52) Ethylbenzene	9.04	91	16890	2.311	ug/L		96
53) m,p-Xylene	9.16	106	5766	2.156	ug/L		92
54) o-xylene	9.57	106	6371	2.474	ug/L		90
55) Styrene	9.59	104	10067	2.204	ug/L		97
56) Isopropylbenzene	9.95	105	14468	2.136	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.26	83	6641	2.521	ug/L	#	93
59) 1,2,3-Trichloropropane	10.30	75	5386	2.542	ug/L		93
61) Bromoform	9.76	173	3297	2.695	ug/L		96
62) 1,3-Dichlorobenzene	11.21	146	8537	2.619	ug/L		97
63) 1,4-Dichlorobenzene	11.29	146	9177	2.694	ug/L		97
65) 1,2-Dichlorobenzene	11.67	146	9320	2.836	ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.45	75	1509	2.599	ug/L		95
67) 1,3,5-Trichlorobenzene	12.67	180	6449	2.897	ug/L		98
68) 1,2,4-trichlorobenzene	13.29	180	5756	2.742	ug/L		95
69) Naphthalene	13.53	128	13635	2.108	ug/L		96
70) 1,2,3-Trichlorobenzene	13.77	180	5362	2.521	ug/L		98

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

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