Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102820\
Data File : VV019138.D
Acq On : 28 Oct 2020 16:46
Operator : SY/MD
Sample : MDL03
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:58:20 PM

Quant Time: Oct 29 03:53:15 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	238399	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230916	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120530	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	79579	36.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.48%			
7) Chloroethane-d5	1.58	69	66837	38.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.68%			
11) 1,1-Dichloroethene-d2	2.12	63	132097	32.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.14%			
21) 2-Butanone-d5	3.90	46	112117	76.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.97%			
24) Chloroform-d	4.37	84	163795	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.48%			
26) 1,2-Dichloroethane-d4	5.05	65	118960	46.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.42%			
32) Benzene-d6	5.07	84	310248	43.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.86%			
36) 1,2-Dichloropropane-d6	6.09	67	94539	41.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.64%			
41) Toluene-d8	7.33	98	289817	45.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.76%			
43) trans-1,3-Dichloropropene-	7.64	79	51959	44.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.64%			
47) 2-Hexanone-d5	8.10	63	81002	81.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.42%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	121888	40.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.06%			
64) 1,2-Dichlorobenzene-d4	11.65	152	124677	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4790	2.580	ug/L	97
3) Chloromethane	1.25	50	4782	2.071	ug/L	98
5) Vinyl chloride	1.32	62	5271	2.317	ug/L #	55
6) Bromomethane	1.53	94	3304	2.538	ug/L	99
8) Chloroethane	1.60	64	3594	2.519	ug/L	98
9) Trichlorofluoromethane	1.76	101	8305	2.775	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4932	3.099	ug/L	90
12) 1,1-Dichloroethene	2.13	96	4892	3.072	ug/L #	1
13) Acetone	2.19	43	4912	4.976	ug/L	96
14) Carbon disulfide	2.31	76	11633	2.216	ug/L	100
15) Methyl Acetate	2.45	43	4484	2.161	ug/L	98
16) Methylene chloride	2.52	84	4675	2.519	ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	4120	2.449	ug/L	89
18) Methyl tert-butyl Ether	2.78	73	13304	2.438	ug/L	97
19) 1,1-Dichloroethane	3.21	63	8154	2.400	ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	4614	2.564	ug/L	93
22) 2-Butanone	4.02	43	5827m	4.306	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	2385	2.604 ug/L #	83
25) Chloroform	4.40	83	9559	2.856 ug/L	95
27) 1,2-Dichloroethane	5.16	62	7225	2.601 ug/L	100
29) Cyclohexane	4.70	56	5909	2.138 ug/L #	67
30) 1,1,1-Trichloroethane	4.63	97	7900	2.748 ug/L	96
31) Carbon tetrachloride	4.85	117	7037	2.808 ug/L	97
33) Benzene	5.12	78	17112	2.421 ug/L	100
34) Trichloroethene	5.94	95	4611	2.581 ug/L	96
35) Methylcyclohexane	6.15	83	5949	2.434 ug/L	94
37) 1,2-Dichloropropane	6.20	63	4188	2.152 ug/L #	87
38) Bromodichloromethane	6.54	83	6037	2.452 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	6423m	2.233 ug/L	
40) 4-Methyl-2-pentanone	7.25	43	10704	4.077 ug/L	97
42) Toluene	7.41	91	18317	2.524 ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	6799	2.383 ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	4222	2.456 ug/L	95
46) Tetrachloroethene	8.00	164	3861	2.817 ug/L	97
48) 2-Hexanone	8.16	43	9260	4.571 ug/L #	92
49) Dibromochloromethane	8.27	129	5218	2.777 ug/L	95
50) 1,2-Dibromoethane	8.38	107	4542	2.546 ug/L #	96
51) Chlorobenzene	8.90	112	12199	2.621 ug/L	93
52) Ethylbenzene	9.03	91	18655	2.378 ug/L	100
53) m,p-Xylene	9.16	106	6919	2.409 ug/L	95
54) o-xylene	9.56	106	6275	2.269 ug/L	91
55) Styrene	9.59	104	11021	2.247 ug/L	98
56) Isopropylbenzene	9.95	105	17339	2.384 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.26	83	6488	2.294 ug/L #	96
59) 1,2,3-Trichloropropane	10.29	75	5532	2.431 ug/L	98
61) Bromoform	9.75	173	3554	2.618 ug/L	97
62) 1,3-Dichlorobenzene	11.21	146	9528	2.634 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	10914	2.888 ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	10412	2.855 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.45	75	1381	2.143 ug/L	83
67) 1,3,5-Trichlorobenzene	12.67	180	8229	3.332 ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	7188	3.086 ug/L	93
69) Naphthalene	13.53	128	13655	1.903 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	5875	2.490 ug/L	96

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

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