Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008401.D
Acq On : 24 Oct 2018 19:01
Operator : SY/MD
Sample : MDL03
Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 25 09:30:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 09:16:23 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL03

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190514	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73637	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44318	42.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.02%			
7) Chloroethane-d5	1.57	69	35922	47.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.34%			
11) 1,1-Dichloroethene-d2	2.13	63	64467	33.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.68%			
21) 2-Butanone-d5	3.94	46	114405	99.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.80%			
24) Chloroform-d	4.41	84	116585	44.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.62%			
26) 1,2-Dichloroethane-d4	5.09	65	82589	47.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.96%			
32) Benzene-d6	5.10	84	234070	46.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.50%			
36) 1,2-Dichloropropane-d6	6.12	67	81539	46.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.82%			
41) Toluene-d8	7.36	98	208749	45.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.84%			
43) trans-1,3-Dichloropropene-	7.67	79	39104	46.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.62%			
47) 2-Hexanone-d5	8.14	63	89106	98.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.19%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113893	48.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.78%			
64) 1,2-Dichlorobenzene-d4	11.68	152	72164	47.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.82%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3650	2.683	ug/L	99
3) Chloromethane	1.25	50	4045	2.776	ug/L	98
5) Vinyl chloride	1.33	62	3815	2.825	ug/L #	60
6) Bromomethane	1.52	94	1032	2.785	ug/L	84
8) Chloroethane	1.59	64	2121	2.990	ug/L	88
9) Trichlorofluoromethane	1.77	101	4517	2.599	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2851	3.140	ug/L	93
12) 1,1-Dichloroethene	2.14	96	2839	3.321	ug/L #	1
13) Acetone	2.19	43	4597	5.167	ug/L	95
14) Carbon disulfide	2.32	76	10480	2.722	ug/L	96
15) Methyl Acetate	2.46	43	5457	3.076	ug/L	91
16) Methylene chloride	2.54	84	4041	2.730	ug/L	89
17) trans-1,2-Dichloroethene	2.80	96	3499	2.685	ug/L	91
18) Methyl tert-butyl Ether	2.81	73	12778	2.740	ug/L	96
19) 1,1-Dichloroethane	3.24	63	6906	2.570	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	4100	2.762	ug/L	87
22) 2-Butanone	4.03	43	6253m	4.865	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	1832	2.617	ug/L		95
25) Chloroform	4.43	83	7564	2.883	ug/L		100
27) 1,2-Dichloroethane	5.19	62	5923	2.703	ug/L		98
29) Cyclohexane	4.73	56	6822	2.667	ug/L		99
30) 1,1,1-Trichloroethane	4.67	97	5975	2.622	ug/L	#	83
31) Carbon tetrachloride	4.88	117	4939	2.554	ug/L		97
33) Benzene	5.15	78	15661	2.727	ug/L		100
34) Trichloroethene	5.96	95	3786	2.575	ug/L		94
35) Methylcyclohexane	6.18	83	6015	2.406	ug/L	#	87
37) 1,2-Dichloropropane	6.23	63	4334	2.732	ug/L	#	94
38) Bromodichloromethane	6.56	83	5254	2.599	ug/L	#	98
39) cis-1,3-Dichloropropene	7.07	75	6435	2.580	ug/L		92
40) 4-Methyl-2-pentanone	7.28	43	12486	5.316	ug/L		98
42) Toluene	7.44	91	16213	2.718	ug/L		97
44) trans-1,3-Dichloropropene	7.70	75	7478	3.205	ug/L		94
45) 1,1,2-Trichloroethane	7.89	97	3647	2.600	ug/L		95
46) Tetrachloroethene	8.02	164	2450	2.556	ug/L		93
48) 2-Hexanone	8.19	43	9324	5.144	ug/L		90
49) Dibromochloromethane	8.29	129	3739	2.481	ug/L		99
50) 1,2-Dibromoethane	8.40	107	3804	2.585	ug/L	#	95
51) Chlorobenzene	8.93	112	9679	2.635	ug/L		96
52) Ethylbenzene	9.06	91	17395	2.603	ug/L		98
53) m,p-Xylene	9.19	106	6594	2.701	ug/L		90
54) o-xylene	9.59	106	6424	2.635	ug/L		95
55) Styrene	9.61	104	10455	2.545	ug/L		97
56) Isopropylbenzene	9.98	105	16003	2.509	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	6999	2.849	ug/L	#	93
59) 1,2,3-Trichloropropane	10.32	75	5418	2.725	ug/L		98
61) Bromoform	9.78	173	2445	2.631	ug/L	#	95
62) 1,3-Dichlorobenzene	11.23	146	6608	2.714	ug/L		96
63) 1,4-Dichlorobenzene	11.32	146	7019	2.877	ug/L		97
65) 1,2-Dichlorobenzene	11.69	146	6839	2.755	ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.48	75	1257	2.463	ug/L	#	91
67) 1,3,5-Trichlorobenzene	12.70	180	3524	2.217	ug/L		98
68) 1,2,4-trichlorobenzene	13.32	180	2463	1.915	ug/L		99
69) Naphthalene	13.56	128	6324	1.521	ug/L		97
70) 1,2,3-Trichlorobenzene	13.80	180	2520	1.961	ug/L		95

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

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