Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080119\
Data File : VU033541.D
Acq On : 01 Aug 2019 11:17
Operator : JC/SP
Sample : MDL04
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL04

Manual Integrations APPROVED
MMDadoda
8/2/2019 8:29:23 AM

Quant Time: Aug 02 02:14:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 01:49:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	298224	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	293230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	143011	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	102120	47.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.20%			
7) Chloroethane-d5	1.67	69	102809	55.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.52%			
11) 1,1-Dichloroethene-d2	2.26	63	139147	35.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.72%			
21) 2-Butanone-d5	4.16	46	169083	117.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.74%			
24) Chloroform-d	4.62	84	188737	51.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.86%			
26) 1,2-Dichloroethane-d4	5.29	65	125658	54.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.18%			
32) Benzene-d6	5.32	84	381883	52.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.08%			
36) 1,2-Dichloropropane-d6	6.31	67	122280	53.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.32%			
41) Toluene-d8	7.55	98	344706	50.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.22%			
43) trans-1,3-Dichloropropene-	7.83	79	57471	50.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.68%			
47) 2-Hexanone-d5	8.30	63	121675	112.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.47%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187426	53.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.68%			
64) 1,2-Dichlorobenzene-d4	11.85	152	140549	53.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	8842	3.144	ug/L	98
3) Chloromethane	1.32	50	9124	3.221	ug/L	93
5) Vinyl chloride	1.40	62	9623	3.169	ug/L #	80
6) Bromomethane	1.62	94	6285	2.346	ug/L	99
8) Chloroethane	1.69	64	7203	3.903	ug/L	94
9) Trichlorofluoromethane	1.87	101	12366	3.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	7701	3.824	ug/L	85
12) 1,1-Dichloroethene	2.27	96	6975	3.612	ug/L #	1
13) Acetone	2.32	43	9592	6.528	ug/L	93
14) Carbon disulfide	2.46	76	17966	2.966	ug/L	99
15) Methyl Acetate	2.61	43	7117m	3.043	ug/L	
16) Methylene chloride	2.69	84	7311	3.314	ug/L	87
17) trans-1,2-Dichloroethene	2.97	96	5705	2.820	ug/L	82
18) Methyl tert-butyl Ether	2.98	73	17748	2.876	ug/L	98
19) 1,1-Dichloroethane	3.43	63	11790	3.104	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	6833	3.009	ug/L	81
22) 2-Butanone	4.26	43	8422	4.801	ug/L #	66

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.53	128	3646	3.077 ug/L	90
25) Chloroform	4.65	83	16525	4.135 ug/L	99
27) 1,2-Dichloroethane	5.39	62	10584	3.439 ug/L	99
29) Cyclohexane	4.97	56	8618	2.694 ug/L	93
30) 1,1,1-Trichloroethane	4.89	97	10510	3.115 ug/L	98
31) Carbon tetrachloride	5.11	117	8689	2.957 ug/L	99
33) Benzene	5.37	78	25691	3.037 ug/L	100
34) Trichloroethene	6.17	95	7332	3.286 ug/L	89
35) Methylcyclohexane	6.40	83	9631	2.766 ug/L	98
37) 1,2-Dichloropropane	6.41	63	6993m	3.088 ug/L	
38) Bromodichloromethane	6.74	83	8709	2.975 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	9923	2.808 ug/L	92
40) 4-Methyl-2-pentanone	7.45	43	17495	5.596 ug/L	98
42) Toluene	7.62	91	28341	3.116 ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	10249	3.209 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	6870	3.196 ug/L	97
46) Tetrachloroethene	8.21	164	5216	2.863 ug/L	92
48) 2-Hexanone	8.35	43	16805	6.650 ug/L	99
49) Dibromochloromethane	8.46	129	7450	3.046 ug/L	99
50) 1,2-Dibromoethane	8.57	107	7140	2.999 ug/L	94
51) Chlorobenzene	9.10	112	18499	3.106 ug/L	99
52) Ethylbenzene	9.23	91	27137	2.771 ug/L	97
53) m,p-Xylene	9.36	106	9937	2.643 ug/L	99
54) o-xylene	9.76	106	9687	2.656 ug/L	96
55) Styrene	9.78	104	14535	2.346 ug/L	99
56) Isopropylbenzene	10.15	105	24137	2.533 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	12423	3.204 ug/L #	93
59) 1,2,3-Trichloropropane	10.48	75	8972	3.002 ug/L	95
61) Bromoform	9.94	173	5292	3.063 ug/L #	94
62) 1,3-Dichlorobenzene	11.40	146	13384	3.047 ug/L	94
63) 1,4-Dichlorobenzene	11.49	146	14357	3.146 ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	14715	3.314 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.65	75	2591	3.158 ug/L #	80
67) 1,3,5-Trichlorobenzene	12.87	180	9711	2.741 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	6786	2.241 ug/L	96
69) Naphthalene	13.74	128	15101	1.738 ug/L	95
70) 1,2,3-Trichlorobenzene	13.98	180	8093m	2.542 ug/L	

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

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