Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014537.D
Acq On : 07 Feb 2020 14:32
Operator : SY/MD
Sample : MDL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:40 AM

Quant Time: Feb 08 00:49:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	343289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	318273	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	161917	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	79914	42.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.86%			
7) Chloroethane-d5	1.59	69	56495	44.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.08%			
11) 1,1-Dichloroethene-d2	2.13	63	98926	34.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.98%			
21) 2-Butanone-d5	3.92	46	139503	97.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.08%			
24) Chloroform-d	4.40	84	202125	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.28%			
26) 1,2-Dichloroethane-d4	5.08	65	130252	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.60%			
32) Benzene-d6	5.10	84	435471	49.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.82%			
36) 1,2-Dichloropropane-d6	6.11	67	130805	48.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.80%			
41) Toluene-d8	7.36	98	410856	50.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.26%			
43) trans-1,3-Dichloropropene-	7.66	79	71033	49.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.04%			
47) 2-Hexanone-d5	8.13	63	118543	103.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.11%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	178979	51.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.00%			
66) 1,2-Dichlorobenzene-d4	11.67	152	157858	50.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6921	2.517	ug/L	100
3) Chloromethane	1.26	50	6605	2.372	ug/L	97
5) Vinyl chloride	1.33	62	5012	2.350	ug/L #	67
6) Bromomethane	1.54	94	2147	2.189	ug/L	91
8) Chloroethane	1.60	64	2540	2.397	ug/L	88
9) Trichlorofluoromethane	1.77	101	7175	2.498	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3970	2.878	ug/L #	83
12) 1,1-Dichloroethene	2.14	96	3475	2.634	ug/L #	1
13) Acetone	2.19	43	6269	5.210	ug/L	92
14) Carbon disulfide	2.32	76	14609	2.280	ug/L	99
15) Methyl Acetate	2.46	43	4295	1.856	ug/L	92
16) Methylene chloride	2.54	84	6519	2.602	ug/L	94
17) trans-1,2-Dichloroethene	2.80	96	5499	2.366	ug/L	94
18) Methyl tert-butyl Ether	2.80	73	17431	2.368	ug/L	97
19) 1,1-Dichloroethane	3.23	63	9942	2.392	ug/L	96
20) cis-1,2-Dichloroethene	3.97	96	6187m	2.365	ug/L	
22) 2-Butanone	4.04	43	7587m	4.264	ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014537.D
Acq On : 07 Feb 2020 14:32
Operator : SY/MD
Sample : MDL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:40 AM

Quant Time: Feb 08 00:49:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	2969	2.397 ug/L		94
25) Chloroform	4.42	83	17796	4.210 ug/L		97
27) 1,2-Dichloroethane	5.18	62	7113	2.259 ug/L		98
29) Cyclohexane	4.73	56	8861	2.264 ug/L		94
30) 1,1,1-Trichloroethane	4.66	97	8738	2.406 ug/L		94
31) Carbon tetrachloride	4.87	117	7354	2.295 ug/L		99
33) Benzene	5.15	78	21839	2.334 ug/L		100
34) Trichloroethene	5.96	95	5805	2.340 ug/L		95
35) Methylcyclohexane	6.18	83	9501	2.344 ug/L		96
37) 1,2-Dichloropropane	6.22	63	5891	2.472 ug/L	#	93
38) Bromodichloromethane	6.56	83	7192	2.249 ug/L	#	93
39) cis-1,3-Dichloropropene	7.07	75	8578	2.158 ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	12651	4.108 ug/L		93
42) Toluene	7.43	91	25548	2.547 ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	8427	2.364 ug/L		95
45) 1,1,2-Trichloroethane	7.88	97	5623	2.459 ug/L		96
46) Tetrachloroethene	8.01	164	4822	2.548 ug/L		96
48) 2-Hexanone	8.18	43	11873	5.008 ug/L	#	95
49) Dibromochloromethane	8.29	129	5968	2.312 ug/L		97
50) 1,2-Dibromoethane	8.39	107	6280	2.536 ug/L	#	94
51) Chlorobenzene	8.92	112	16370	2.498 ug/L		98
52) Ethylbenzene	9.05	91	26866	2.388 ug/L		99
53) m,p-Xylene	9.18	106	10903	2.516 ug/L		89
54) o-Xylene	9.59	106	9742	2.349 ug/L		97
55) Styrene	9.60	104	15841	2.235 ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.28	83	9628	2.687 ug/L	#	96
59) Bromoform	9.77	173	3668	2.031 ug/L	#	98
60) Isopropylbenzene	9.97	105	25121	2.294 ug/L		99
61) 1,2,3-Trichloropropane	10.32	75	6918	2.413 ug/L		95
62) 1,3,5-Trimethylbenzene	10.58	105	20993	2.240 ug/L		100
63) 1,2,4-Trimethylbenzene	10.96	105	19966	2.161 ug/L		95
64) 1,3-Dichlorobenzene	11.22	146	12672	2.453 ug/L		97
65) 1,4-Dichlorobenzene	11.32	146	12795	2.406 ug/L		98
67) 1,2-Dichlorobenzene	11.68	146	12640	2.524 ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.47	75	1842	2.294 ug/L	#	85
69) 1,3,5-Trichlorobenzene	12.69	180	8492	2.334 ug/L		98
70) 1,2,4-trichlorobenzene	13.31	180	7880	2.359 ug/L		96
71) Naphthalene	13.55	128	24409	2.224 ug/L		99
72) 1,2,3-Trichlorobenzene	13.79	180	7379	2.273 ug/L		98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014537.D
Acq On : 07 Feb 2020 14:32
Operator : SY/MD
Sample : MDL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 08 00:49:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:40 AM