Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012128.D
Acq On : 07 Aug 2019 15:22
Operator : SY/MD
Sample : MDL05
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:33 AM

Quant Time: Aug 08 01:47:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 01:11:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	255402	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	229482	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	109720	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	59829	42.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.70%			
7) Chloroethane-d5	1.58	69	43844	44.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.48%			
11) 1,1-Dichloroethene-d2	2.13	63	84881	35.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.14%			
21) 2-Butanone-d5	3.92	46	115681	113.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.72%			
24) Chloroform-d	4.40	84	172692	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.08	65	118767	52.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.56%			
32) Benzene-d6	5.10	84	344202	52.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.24%			
36) 1,2-Dichloropropane-d6	6.12	67	101545	53.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.16%			
41) Toluene-d8	7.36	98	326093	51.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.42%			
43) trans-1,3-Dichloropropene-	7.66	79	55946	51.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.88%			
47) 2-Hexanone-d5	8.13	63	93107	117.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.20%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	146762	54.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.86%			
66) 1,2-Dichlorobenzene-d4	11.67	152	139823	54.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4128	2.288	ug/L	99
3) Chloromethane	1.25	50	3676	2.870	ug/L	98
5) Vinyl chloride	1.32	62	2857	2.311	ug/L #	55
6) Bromomethane	1.53	94	1829	2.548	ug/L	89
8) Chloroethane	1.60	64	1494	2.307	ug/L	86
9) Trichlorofluoromethane	1.77	101	5112	2.543	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3035	3.080	ug/L #	83
12) 1,1-Dichloroethene	2.14	96	2741	2.954	ug/L #	1
13) Acetone	2.19	43	2712	3.910	ug/L	99
14) Carbon disulfide	2.32	76	6840	2.181	ug/L #	93
15) Methyl Acetate	2.46	43	3073	2.532	ug/L	94
16) Methylene chloride	2.54	84	3762	2.672	ug/L	89
17) trans-1,2-Dichloroethene	2.79	96	3133	2.391	ug/L	94
18) Methyl tert-butyl Ether	2.80	73	10533	2.339	ug/L	97
19) 1,1-Dichloroethane	3.23	63	5745	2.404	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	3970	2.572	ug/L	99
22) 2-Butanone	4.01	43	4607m	5.154	ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012128.D
Acq On : 07 Aug 2019 15:22
Operator : SY/MD
Sample : MDL05
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:33 AM

Quant Time: Aug 08 01:47:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 01:11:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	2163m	2.549	ug/L		
25) Chloroform	4.43	83	10772	3.977	ug/L		96
27) 1,2-Dichloroethane	5.18	62	5397	2.564	ug/L	#	92
29) Cyclohexane	4.73	56	4615	2.405	ug/L		89
30) 1,1,1-Trichloroethane	4.66	97	5889	2.416	ug/L		96
31) Carbon tetrachloride	4.88	117	5494	2.429	ug/L		94
33) Benzene	5.15	78	13365	2.530	ug/L		100
34) Trichloroethene	5.96	95	3469m	2.363	ug/L		
35) Methylcyclohexane	6.18	83	5108	2.337	ug/L		99
37) 1,2-Dichloropropane	6.22	63	3232	2.508	ug/L		98
38) Bromodichloromethane	6.56	83	5065	2.499	ug/L		87
39) cis-1,3-Dichloropropene	7.07	75	5524	2.432	ug/L		99
40) 4-Methyl-2-pentanone	7.27	43	8424	5.080	ug/L		96
42) Toluene	7.43	91	14939	2.545	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	5023	2.342	ug/L		84
45) 1,1,2-Trichloroethane	7.88	97	3613	2.601	ug/L		93
46) Tetrachloroethene	8.02	164	3234	2.364	ug/L		96
48) 2-Hexanone	8.18	43	7178	5.741	ug/L		97
49) Dibromochloromethane	8.29	129	4606	2.556	ug/L		98
50) 1,2-Dibromoethane	8.40	107	3686	2.400	ug/L	#	98
51) Chlorobenzene	8.93	112	9596	2.425	ug/L		97
52) Ethylbenzene	9.05	91	15316	2.326	ug/L		96
53) m,p-Xylene	9.18	106	6116	2.407	ug/L		93
54) o-Xylene	9.59	106	5524	2.191	ug/L		96
55) Styrene	9.61	104	9354	2.202	ug/L		91
57) 1,1,2,2-Tetrachloroethane	10.28	83	5561	2.604	ug/L	#	74
59) Bromoform	9.77	173	3549	2.758	ug/L	#	94
60) Isopropylbenzene	9.97	105	15429	2.569	ug/L		100
61) 1,2,3-Trichloropropane	10.31	75	4470	3.000	ug/L		99
62) 1,3,5-Trimethylbenzene	10.58	105	12465	2.401	ug/L		98
63) 1,2,4-Trimethylbenzene	10.96	105	12833	2.504	ug/L		99
64) 1,3-Dichlorobenzene	11.22	146	7897	2.606	ug/L		98
65) 1,4-Dichlorobenzene	11.32	146	7946	2.594	ug/L		89
67) 1,2-Dichlorobenzene	11.69	146	8234	2.663	ug/L		94
68) 1,2-Dibromo-3-chloropropan	12.48	75	1162	2.366	ug/L		93
69) 1,3,5-Trichlorobenzene	12.69	180	5208	2.120	ug/L		98
70) 1,2,4-trichlorobenzene	13.31	180	3452	1.621	ug/L		95
71) Naphthalene	13.56	128	7138	1.322	ug/L		97
72) 1,2,3-Trichlorobenzene	13.79	180	3518	1.641	ug/L		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012128.D
Acq On : 07 Aug 2019 15:22
Operator : SY/MD
Sample : MDL05
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 01:47:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 01:11:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:33 AM