Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012127.D
Acq On : 07 Aug 2019 14:58
Operator : SY/MD
Sample : MDL04
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:29 AM

Quant Time: Aug 08 01:43:54 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	220041	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	203680	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	98362	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57270	47.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.22%			
7) Chloroethane-d5	1.58	69	38141	44.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.34%			
11) 1,1-Dichloroethene-d2	2.13	63	71712	34.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.78%			
21) 2-Butanone-d5	3.92	46	88486	100.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.97%			
24) Chloroform-d	4.40	84	148879	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.66%			
26) 1,2-Dichloroethane-d4	5.08	65	103686	53.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.96%			
32) Benzene-d6	5.10	84	286966	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.92%			
36) 1,2-Dichloropropane-d6	6.12	67	82493	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.18%			
41) Toluene-d8	7.36	98	278755	49.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.66%			
43) trans-1,3-Dichloropropene-	7.66	79	48350	50.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.18%			
47) 2-Hexanone-d5	8.13	63	74317	105.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.39%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	124593	52.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.12%			
66) 1,2-Dichlorobenzene-d4	11.67	152	127046	54.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4960	3.191	ug/L	93
3) Chloromethane	1.25	50	4028	3.650	ug/L	98
5) Vinyl chloride	1.33	62	2912	2.734	ug/L #	48
6) Bromomethane	1.53	94	1654	2.675	ug/L	76
8) Chloroethane	1.60	64	1603	2.873	ug/L	93
9) Trichlorofluoromethane	1.77	101	4687	2.706	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2854	3.362	ug/L #	79
12) 1,1-Dichloroethene	2.14	96	2613	3.268	ug/L #	1
13) Acetone	2.18	43	2668	4.465	ug/L	97
14) Carbon disulfide	2.32	76	6474	2.396	ug/L #	95
15) Methyl Acetate	2.46	43	2607	2.493	ug/L	98
16) Methylene chloride	2.54	84	3204	2.641	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	2881	2.552	ug/L	90
18) Methyl tert-butyl Ether	2.80	73	10545	2.719	ug/L	100
19) 1,1-Dichloroethane	3.23	63	5280	2.565	ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	3661	2.753	ug/L	97
22) 2-Butanone	4.03	43	3558m	4.620	ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012127.D
Acq On : 07 Aug 2019 14:58
Operator : SY/MD
Sample : MDL04
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:29 AM

Quant Time: Aug 08 01:43:54 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	1949	2.666 ug/L	82
25) Chloroform	4.43	83	10796	4.627 ug/L	97
27) 1,2-Dichloroethane	5.18	62	5571	3.072 ug/L	99
29) Cyclohexane	4.73	56	4439	2.606 ug/L	93
30) 1,1,1-Trichloroethane	4.66	97	6155	2.845 ug/L #	84
31) Carbon tetrachloride	4.88	117	5529	2.755 ug/L	91
33) Benzene	5.15	78	11721	2.500 ug/L	100
34) Trichloroethene	5.96	95	3517	2.699 ug/L	93
35) Methylcyclohexane	6.17	83	4949	2.551 ug/L	93
37) 1,2-Dichloropropane	6.22	63	3469	3.033 ug/L #	90
38) Bromodichloromethane	6.55	83	4615	2.565 ug/L	93
39) cis-1,3-Dichloropropene	7.07	75	5052	2.506 ug/L	88
40) 4-Methyl-2-pentanone	7.27	43	7783	5.288 ug/L	98
42) Toluene	7.43	91	14272	2.739 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	4913	2.581 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	3326	2.698 ug/L	95
46) Tetrachloroethene	8.02	164	3046	2.509 ug/L	92
48) 2-Hexanone	8.18	43	6233	5.617 ug/L #	92
49) Dibromochloromethane	8.29	129	4400	2.751 ug/L	99
50) 1,2-Dibromoethane	8.40	107	3594	2.636 ug/L #	92
51) Chlorobenzene	8.92	112	9546	2.718 ug/L	94
52) Ethylbenzene	9.05	91	14688	2.513 ug/L	98
53) m,p-Xylene	9.18	106	5834	2.587 ug/L	87
54) o-Xylene	9.59	106	6085	2.719 ug/L	91
55) Styrene	9.60	104	9449	2.507 ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.28	83	6050	3.191 ug/L #	89
59) Bromoform	9.78	173	3424	2.968 ug/L #	93
60) Isopropylbenzene	9.97	105	15264	2.835 ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	4369	3.271 ug/L	96
62) 1,3,5-Trimethylbenzene	10.58	105	12206	2.622 ug/L	100
63) 1,2,4-Trimethylbenzene	10.96	105	12377	2.694 ug/L	99
64) 1,3-Dichlorobenzene	11.23	146	7610	2.801 ug/L	96
65) 1,4-Dichlorobenzene	11.32	146	7552	2.750 ug/L	91
67) 1,2-Dichlorobenzene	11.69	146	8701	3.139 ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.48	75	1231	2.797 ug/L #	87
69) 1,3,5-Trichlorobenzene	12.69	180	5491	2.493 ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	3863	2.023 ug/L	94
71) Naphthalene	13.55	128	8097	1.673 ug/L #	93
72) 1,2,3-Trichlorobenzene	13.79	180	3965	2.063 ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012127.D
Acq On : 07 Aug 2019 14:58
Operator : SY/MD
Sample : MDL04
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 01:43:54 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 :
MDL04

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:29 AM