Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
Data File : VV038479.D
Acq On : 21 Jan 2025 13:30
Operator : SY/MD
Sample : MDL04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 22 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:52:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	233471	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	246404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	101243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79429	4.125	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.600%			
7) Chloroethane-d5	1.532	69	71640	4.431	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.600%			
11) 1,1-Dichloroethene-d2	2.056	65	36282	4.182	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.600%			
20) 2-Butanone-d5	3.818	46	173488m	42.842	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.680%			
24) Chloroform-d	4.239	84	157009	4.351	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
26) 1,2-Dichloroethane-d4	4.937	65	73756	4.460	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
32) Benzene-d6	4.953	84	298908	4.404	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	5.982	67	98083	4.755	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.236	98	238493	3.912	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.554	79	28819	3.819	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.400%			
46) 2-Hexanone-d5	8.024	63	99891	33.555	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 67.100%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	70584	4.316	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.400%			
66) 1,2-Dichlorobenzene-d4	11.551	152	84069	4.906	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	5051	0.193	ug/L	100
5) Vinyl chloride	1.281	62	5698	0.211	ug/L #	67
6) Bromomethane	1.487	94	3003	0.222	ug/L	84
8) Chloroethane	1.548	64	5724m	0.353	ug/L	
9) Trichlorofluoromethane	1.712	101	6696	0.195	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4964	0.252	ug/L #	86
12) 1,1-Dichloroethene	2.066	96	4540	0.235	ug/L #	1
14) Carbon disulfide	2.240	76	13015	0.200	ug/L	97
15) Methyl Acetate	2.429	43	2245m	0.279	ug/L	
16) Methylene chloride	2.445	84	4975	0.232	ug/L	91
17) Methyl tert-butyl Ether	2.706	73	6717	0.165	ug/L #	93
18) trans-1,2-Dichloroethene	2.696	96	4138	0.208	ug/L	83
19) 1,1-Dichloroethane	3.108	63	6882	0.182	ug/L	100
21) 2-Butanone	3.937	43	9461m	2.117	ug/L	
22) cis-1,2-Dichloroethene	3.821	96	3708	0.183	ug/L	95
23) Bromochloromethane	4.172	128	1595m	0.173	ug/L	
25) Chloroform	4.268	83	8791m	0.235	ug/L	
27) 1,2-Dichloroethane	5.066	62	4246	0.204	ug/L #	90
29) 1,1,1-Trichloroethane	4.503	97	6218	0.190	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
Data File : VV038479.D
Acq On : 21 Jan 2025 13:30
Operator : SY/MD
Sample : MDL04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 22 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:52:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
30) Cyclohexane	4.571	56	5451	0.183 ug/L #	84
31) Carbon tetrachloride	4.731	117	5189	0.179 ug/L	94
33) Benzene	5.011	78	14564m	0.186 ug/L	
34) Trichloroethene	5.850	95	4369	0.215 ug/L	86
35) Methylcyclohexane	6.040	83	6631m	0.214 ug/L	
37) 1,2-Dichloropropane	6.098	63	4074	0.202 ug/L #	92
38) Bromodichloromethane	6.448	83	5056m	0.193 ug/L	
39) cis-1,3-Dichloropropene	6.972	75	5537m	0.199 ug/L	
40) 4-Methyl-2-pentanone	7.169	43	17791m	1.702 ug/L	
42) Toluene	7.323	91	14533m	0.178 ug/L	
44) trans-1,3-Dichloropropene	7.590	75	5417m	0.230 ug/L	
45) 1,1,2-Trichloroethane	7.783	97	2674	0.184 ug/L	90
47) Tetrachloroethene	7.905	164	3068	0.195 ug/L	87
48) 2-Hexanone	8.088	43	41517m	5.484 ug/L	
49) Dibromochloromethane	8.169	129	3026	0.181 ug/L	90
50) 1,2-Dibromoethane	8.288	107	2511	0.186 ug/L #	97
51) Chlorobenzene	8.812	112	9433	0.172 ug/L	92
52) Ethylbenzene	8.950	91	14386	0.164 ug/L	95
53) m,p-Xylene	9.078	106	5189	0.156 ug/L	89
54) o-Xylene	9.480	106	4600	0.145 ug/L	78
55) Styrene	9.513	104	7901m	0.143 ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	3338	0.189 ug/L #	95
59) Bromoform	9.670	173	1428	0.202 ug/L #	93
60) Isopropylbenzene	9.863	105	12211	0.179 ug/L #	97
61) 1,2,3-Trichloropropane	10.207	75	2158m	0.222 ug/L	
62) 1,3,5-Trimethylbenzene	10.474	105	8521	0.160 ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	7952	0.149 ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	6764	0.200 ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	7056	0.202 ug/L	93
67) 1,2-Dichlorobenzene	11.574	146	7131	0.225 ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	3991	0.172 ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	2685	0.155 ug/L #	95
71) Naphthalene	13.458	128	4171m	0.163 ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	2516	0.168 ug/L #	78

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
Data File : VV038479.D
Acq On : 21 Jan 2025 13:30
Operator : SY/MD
Sample : MDL04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 22 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:52:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025