VOA LAB Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031325\
Data File : VV038697.D
Acq On : 13 Mar 2025 10:03
Operator : SY/MD
Sample : VSTD0.535
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 11:34:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 13 11:33:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.529	114	140803	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.780	117	152828	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	66410	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.275	65	5041	0.35	ug/L		0.00
7) Chloroethane-d5	1.529	69	4978	0.45	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.053	65	2696	0.44	ug/L		0.00
20) 2-Butanone-d5	3.873	46	8994m	3.56	ug/L		0.08
24) Chloroform-d	4.253	84	11306	0.49	ug/L		0.01
26) 1,2-Dichloroethane-d4	4.957	65	4694	0.46	ug/L		0.02
32) Benzene-d6	4.963	84	16411	0.37	ug/L		0.00
36) 1,2-Dichloropropane-d6	5.995	67	7240	0.55	ug/L		0.01
41) Toluene-d8	7.249	98	13581	0.34	ug/L		0.01
43) trans-1,3-Dichloroprop...	7.580	79	1422	0.29	ug/L		0.03
46) 2-Hexanone-d5	8.047	63	5847	3.10	ug/L		0.03
56) 1,1,2,2-Tetrachloroeth...	10.153	84	5399	0.48	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	5205	0.45	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.105	85	7045	0.42	ug/L		98
3) Chloromethane	1.214	50	6843	0.44	ug/L		93
5) Vinyl chloride	1.278	62	6547	0.39	ug/L	#	48
6) Bromomethane	1.484	94	3328	0.46	ug/L		88
8) Chloroethane	1.545	64	5543	0.54	ug/L		86
9) Trichlorofluoromethane	1.709	101	10305	0.46	ug/L		96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6013				
12) 1,1-Dichloroethene	2.063	96	5243				
13) Acetone	2.130	43	8524				
14) Carbon disulfide	2.237	76	16310				
15) Methyl Acetate	2.404	43	1860	0.39	ug/L		93
16) Methylene chloride	2.442	84	6605				
17) Methyl tert-butyl Ether	2.703	73	9610				
18) trans-1,2-Dichloroethene	2.696	96	5050				
19) 1,1-Dichloroethane	3.108	63	10034	0.43	ug/L		96
21) 2-Butanone	3.963	43	8480m	3.04	ug/L		
22) cis-1,2-Dichloroethene	3.825	96	4930	0.40	ug/L		86
23) Bromochloromethane	4.163	128	2422	0.41	ug/L	#	88
25) Chloroform	4.278	83	10633	0.46	ug/L		98
27) 1,2-Dichloroethane	5.060	62	5146	0.38	ug/L	#	93
29) 1,1,1-Trichloroethane	4.507	97	8480	0.39	ug/L		96
30) Cyclohexane	4.568	56	5871	0.32	ug/L		97
31) Carbon tetrachloride	4.725	117	8417	0.45	ug/L		98
33) Benzene	5.015	78	16732	0.35	ug/L		100
34) Trichloroethene	5.847	95	5436m	0.44	ug/L		
35) Methylcyclohexane	6.040	83	6953	0.36	ug/L	#	80
37) 1,2-Dichloropropane	6.095	63	5544	0.45	ug/L	#	96
38) Bromodichloromethane	6.439	83	7300	0.43	ug/L		88
39) cis-1,3-Dichloropropene	6.973	75	5794	0.35	ug/L		94
40) 4-Methyl-2-pentanone	7.166	43	19982	3.11	ug/L		95
42) Toluene	7.320	91	15768	0.31	ug/L		99
44) trans-1,3-Dichloropropene	7.606	75	4599m	0.33	ug/L		

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031325\
Data File : VV038697.D
Acq On : 13 Mar 2025 10:03
Operator : SY/MD
Sample : VSTD0.535
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 11:34:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 13 11:33:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	4028	0.42 ug/L	96
47) Tetrachloroethene	7.905	164	3898	0.40 ug/L	97
48) 2-Hexanone	8.095	43	13739m	2.90 ug/L	
49) Dibromochloromethane	8.175	129	4116	0.39 ug/L	93
50) 1,2-Dibromoethane	8.288	107	3273	0.37 ug/L #	96
51) Chlorobenzene	8.815	112	12995	0.38 ug/L	93
52) Ethylbenzene	8.947	91	18862	0.35 ug/L	97
53) m,p-Xylene	9.076	106	6677	0.33 ug/L	80
54) o-Xylene	9.477	106	5761	0.29 ug/L	89
55) Styrene	9.510	104	8228	0.25 ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.175	83	4258	0.36 ug/L #	97
59) Bromoform	9.670	173	2242	0.51 ug/L #	90
60) Isopropylbenzene	9.863	105	15692	0.36 ug/L	96
61) 1,2,3-Trichloropropane	10.207	75	2592	0.38 ug/L #	82
62) 1,3,5-Trimethylbenzene	10.471	105	12724	0.37 ug/L	94
63) 1,2,4-Trimethylbenzene	10.850	105	10675	0.31 ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	9060	0.41 ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	9525	0.43 ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	8168	0.40 ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.384	75	538m	0.39 ug/L	
69) 1,3,5-Trichlorobenzene	12.583	180	5661	0.39 ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	3897	0.36 ug/L	98
71) Naphthalene	13.452	128	4904	0.28 ug/L #	92
72) 1,2,3-Trichlorobenzene	13.677	180	3716	0.37 ug/L	95

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

Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 03/14/2025
Supervised By :Semsettin Yesilyurt 03/14/2025

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.535

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031325\
Data File : VV038697.D
Acq On : 13 Mar 2025 10:03
Operator : SY/MD
Sample : VSTD0.535
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 11:34:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 13 11:33:49 2025
Response via : Initial Calibration