Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU063005.D
Acq On : 24 Jan 2025 20:09
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005118

Quant Time: Jan 24 20:38:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	86499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	82088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	44214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16881	3.524	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.400%			
7) Chloroethane-d5	1.904	69	12827	3.328	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.600%			
11) 1,1-Dichloroethene-d2	2.557	65	9187	3.702	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.000%			
20) 2-Butanone-d5	4.605	46	44395	45.342	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.680%			
24) Chloroform-d	5.049	84	53332	4.525	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	5.689	65	29701	4.646	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.714	84	85187	4.245	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.000%			
36) 1,2-Dichloropropane-d6	6.676	67	23877	4.292	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.800%			
41) Toluene-d8	7.888	98	82122	4.201	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
43) trans-1,3-Dichloroprop...	8.171	79	12976	4.679	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.600%			
46) 2-Hexanone-d5	8.618	63	35740	40.976	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.960%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	21407	4.594	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.800%			
66) 1,2-Dichlorobenzene-d4	12.184	152	33241	4.519	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	37346	4.532	ug/L	100
3) Chloromethane	1.515	50	21941	3.968	ug/L	97
5) Vinyl chloride	1.599	62	24991	4.013	ug/L	89
6) Bromomethane	1.846	94	8215	1.813	ug/L	99
8) Chloroethane	1.924	64	14514	3.880	ug/L	99
9) Trichlorofluoromethane	2.129	101	52147	4.151	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	27875	4.593	ug/L	96
12) 1,1-Dichloroethene	2.570	96	24259	4.518	ug/L	93
13) Acetone	2.612	43	34859	44.942	ug/L	98
14) Carbon disulfide	2.782	76	72166	4.208	ug/L	97
15) Methyl Acetate	2.936	43	7959	4.739	ug/L	96
16) Methylene chloride	3.033	84	27160	4.617	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	74682	5.061	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	26835	4.665	ug/L	95
19) 1,1-Dichloroethane	3.853	63	48750	4.740	ug/L	94
21) 2-Butanone	4.682	43	49245	47.672	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	31074	4.960	ug/L	97
23) Bromochloromethane	4.959	128	14863	5.026	ug/L	92
25) Chloroform	5.071	83	61291	4.842	ug/L	98

Quantitation Report (QT Reviewed)

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Data File : VU063005.D
Acq On : 24 Jan 2025 20:09
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005118

Quant Time: Jan 24 20:38:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.779	62	42396	5.122	ug/L		97
29) 1,1,1-Trichloroethane	5.303	97	62810	5.044	ug/L		98
30) Cyclohexane	5.374	56	34892	4.291	ug/L		93
31) Carbon tetrachloride	5.512	117	58679	5.128	ug/L		98
33) Benzene	5.763	78	107762	4.569	ug/L		100
34) Trichloroethene	6.531	95	33080	4.106	ug/L		99
35) Methylcyclohexane	6.753	83	42879	4.325	ug/L		96
37) 1,2-Dichloropropane	6.779	63	25776	4.633	ug/L		98
38) Bromodichloromethane	7.094	83	45047	5.035	ug/L		99
39) cis-1,3-Dichloropropene	7.595	75	46049	4.861	ug/L		100
40) 4-Methyl-2-pentanone	7.775	43	127256	48.965	ug/L		99
42) Toluene	7.959	91	124672	4.824	ug/L		99
44) trans-1,3-Dichloropropene	8.200	75	40251	4.929	ug/L		99
45) 1,1,2-Trichloroethane	8.389	97	22338	4.944	ug/L		94
47) Tetrachloroethene	8.544	164	28104	5.065	ug/L		94
48) 2-Hexanone	8.669	43	88672	47.458	ug/L		98
49) Dibromochloromethane	8.798	129	31177	5.139	ug/L		99
50) 1,2-Dibromoethane	8.914	107	22575	5.222	ug/L		96
51) Chlorobenzene	9.438	112	83403	4.935	ug/L		99
52) Ethylbenzene	9.560	91	142559	4.861	ug/L		99
53) m,p-Xylene	9.682	106	53420	4.870	ug/L		96
54) o-Xylene	10.090	106	51984	4.948	ug/L		97
55) Styrene	10.103	104	88484	5.035	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.769	83	27014	5.329	ug/L	#	94
59) Bromoform	10.277	173	19260	4.994	ug/L		98
60) Isopropylbenzene	10.473	105	149907	4.920	ug/L		99
61) 1,2,3-Trichloropropane	10.811	75	19385	4.943	ug/L		95
62) 1,3,5-Trimethylbenzene	11.077	105	129539	5.002	ug/L		100
63) 1,2,4-Trimethylbenzene	11.457	105	127066	5.072	ug/L		98
64) 1,3-Dichlorobenzene	11.733	146	70740	5.008	ug/L		97
65) 1,4-Dichlorobenzene	11.827	146	70775	4.969	ug/L		100
67) 1,2-Dichlorobenzene	12.203	146	65988	4.985	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5088	5.008	ug/L		89
69) 1,3,5-Trichlorobenzene	13.209	180	54619	5.134	ug/L		98
70) 1,2,4-trichlorobenzene	13.830	180	44679	5.215	ug/L		96
71) Naphthalene	14.077	128	65538	5.228	ug/L		99
72) 1,2,3-Trichlorobenzene	14.319	180	38372	5.138	ug/L		94

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

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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD005118

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