Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
Data File : VT019212.D
Acq On : 30 Oct 2025 12:01
Operator : SY/MD
Sample : VT1030WBS01
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VT1030WBS01

Manual Integrations APPROVED
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Quant Time: Oct 31 01:17:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 08:43:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.595	168	157614	50.000	ug/l		0.05
34) 1,4-Difluorobenzene	8.588	114	261323	50.000	ug/l		0.04
63) Chlorobenzene-d5	11.767	117	214224	50.000	ug/l		0.04
72) 1,4-Dichlorobenzene-d4	13.970	152	104916	50.000	ug/l		0.04
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.983	65	115402	45.520	ug/l		0.05
Spiked Amount 50.000			Recovery =	91.040%			
35) Dibromofluoromethane	7.518	113	80108	48.468	ug/l		0.05
Spiked Amount 50.000			Recovery =	96.940%			
50) Toluene-d8	10.268	98	323298	48.168	ug/l		0.04
Spiked Amount 50.000			Recovery =	96.340%			
62) 4-Bromofluorobenzene	12.895	95	100158	47.468	ug/l		0.04
Spiked Amount 50.000			Recovery =	94.940%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.890	85	17070	18.390	ug/l		94
3) Chloromethane	2.119	50	26082m	18.232	ug/l		
4) Vinyl Chloride	2.207	62	33740	18.438	ug/l		99
5) Bromomethane	2.548	94	26530	26.916	ug/l		93
6) Chloroethane	2.695	64	29274	17.632	ug/l		99
7) Trichlorofluoromethane	3.000	101	61234	18.074	ug/l		96
8) Diethyl Ether	3.370	74	29349	18.062	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.699	101	28097	17.093	ug/l		93
10) Methyl Iodide	3.887	142	20837	15.658	ug/l		94
11) Tert butyl alcohol	4.692	59	56912	105.612	ug/l		98
12) 1,1-Dichloroethene	3.682	96	24159	15.908	ug/l		97
13) Acrolein	3.552	56	7927	86.230	ug/l		95
14) Allyl chloride	4.240	41	54443	18.176	ug/l		89
15) Acrylonitrile	4.874	53	128037	97.425	ug/l		99
16) Acetone	3.758	43	152923	95.303	ug/l		99
17) Carbon Disulfide	3.981	76	37169	18.006	ug/l		99
18) Methyl Acetate	4.240	43	93470	20.952	ug/l		97
19) Methyl tert-butyl Ether	4.927	73	127526	18.590	ug/l		97
20) Methylene Chloride	4.457	84	30802	18.173	ug/l		91
21) trans-1,2-Dichloroethene	4.921	96	23847	18.438	ug/l		99
22) Diisopropyl ether	5.826	45	128779	18.110	ug/l		97
23) Vinyl Acetate	5.768	43	464382	91.411	ug/l		98
24) 1,1-Dichloroethane	5.721	63	62576	18.811	ug/l		98
25) 2-Butanone	6.725	43	182487	94.108	ug/l		96
26) 2,2-Dichloropropane	6.708	77	55302	19.266	ug/l		99
27) cis-1,2-Dichloroethene	6.708	96	34834	19.192	ug/l		100
28) Bromochloromethane	7.095	49	34648	19.489	ug/l	#	100
29) Tetrahydrofuran	7.119	42	110421	97.871	ug/l		91
30) Chloroform	7.283	83	59626	19.145	ug/l		97
31) Cyclohexane	7.583	56	45448	18.373	ug/l	#	86
32) 1,1,1-Trichloroethane	7.495	97	47803	19.283	ug/l		99
36) 1,1-Dichloropropene	7.730	75	36237	19.492	ug/l		98
37) Ethyl Acetate	6.819	43	62539	19.761	ug/l		97
38) Carbon Tetrachloride	7.712	117	33442	19.784	ug/l		97
39) Methylcyclohexane	9.134	83	39081	19.025	ug/l		94
40) Benzene	7.994	78	122470	19.461	ug/l		100

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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.066	41	36123m	22.688	ug/l		
42) 1,2-Dichloroethane	8.088	62	42432	19.187	ug/l		98
43) Isopropyl Acetate	8.135	43	99241	19.720	ug/l		97
44) Trichloroethene	8.864	130	23594	19.180	ug/l		92
45) 1,2-Dichloropropane	9.181	63	30636	19.133	ug/l		99
46) Dibromomethane	9.275	93	18269	18.957	ug/l		96
47) Bromodichloromethane	9.499	83	42805	19.702	ug/l		97
48) Methyl methacrylate	9.269	41	44420	19.651	ug/l		91
49) 1,4-Dioxane	9.269	88	17607	414.718	ug/l		97
51) 4-Methyl-2-Pentanone	10.145	43	299781	98.911	ug/l		98
52) Toluene	10.339	92	70974	19.737	ug/l		96
53) t-1,3-Dichloropropene	10.597	75	46058	19.586	ug/l		97
54) cis-1,3-Dichloropropene	9.986	75	48033	19.725	ug/l		90
55) 1,1,2-Trichloroethane	10.803	97	28784	20.295	ug/l		97
56) Ethyl methacrylate	10.650	69	54181	19.879	ug/l		93
57) 1,3-Dichloropropane	10.962	76	49593	19.702	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.822	63	68767	93.750	ug/l		98
59) 2-Hexanone	11.014	43	225265	98.111	ug/l		94
60) Dibromochloromethane	11.185	129	28106	19.655	ug/l		95
61) 1,2-Dibromoethane	11.308	107	26717	20.230	ug/l		98
64) Tetrachloroethene	10.879	164	19614	20.143	ug/l		97
65) Chlorobenzene	11.796	112	75525	19.642	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.878	131	25616	19.459	ug/l		97
67) Ethyl Benzene	11.878	91	137120	19.074	ug/l		100
68) m/p-Xylenes	12.007	106	103467	38.965	ug/l		99
69) o-Xylene	12.378	106	51902	19.664	ug/l		98
70) Styrene	12.395	104	91309	19.211	ug/l		98
71) Bromoform	12.583	173	19507	19.379	ug/l	#	97
73) Isopropylbenzene	12.724	105	140589	19.465	ug/l		97
74) N-amyl acetate	12.507	43	69980	19.208	ug/l		95
75) 1,1,2,2-Tetrachloroethane	13.012	83	49128	19.851	ug/l		98
76) 1,2,3-Trichloropropane	13.071	75	42012m	19.459	ug/l		
77) Bromobenzene	13.042	156	30165	19.684	ug/l		95
78) n-propylbenzene	13.112	91	164311	19.148	ug/l		98
79) 2-Chlorotoluene	13.206	91	95913	19.510	ug/l		96
80) 1,3,5-Trimethylbenzene	13.271	105	113725	19.603	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.783	75	17984m	19.545	ug/l		
82) 4-Chlorotoluene	13.324	91	98975	19.785	ug/l		98
83) tert-Butylbenzene	13.570	119	107999	20.113	ug/l		95
84) 1,2,4-Trimethylbenzene	13.617	105	114858	19.494	ug/l		99
85) sec-Butylbenzene	13.770	105	156713	19.898	ug/l		96
86) p-Isopropyltoluene	13.899	119	128525	19.545	ug/l		98
87) 1,3-Dichlorobenzene	13.899	146	60794	19.335	ug/l		99
88) 1,4-Dichlorobenzene	13.993	146	63079	19.916	ug/l		99
89) n-Butylbenzene	14.270	91	118564	19.520	ug/l		97
90) Hexachloroethane	14.581	117	20439	20.147	ug/l		90
91) 1,2-Dichlorobenzene	14.322	146	60741	19.720	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	15.033	75	11395	21.350	ug/l		90
93) 1,2,4-Trichlorobenzene	15.821	180	39028	19.701	ug/l		96
94) Hexachlorobutadiene	15.938	225	16815	20.579	ug/l		99
95) Naphthalene	16.109	128	134852	19.441	ug/l		99
96) 1,2,3-Trichlorobenzene	16.349	180	38355	19.624	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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