Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
Data File : VT019224.D
Acq On : 31 Oct 2025 12:53
Operator : SY/MD
Sample : MDL06
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_T
ClientSampleId : MDL06

Quant Time: Nov 01 05:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 01 05:22:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.612	168	160223	50.000	ug/l		0.06
34) 1,4-Difluorobenzene	8.605	114	273181	50.000	ug/l		0.06
63) Chlorobenzene-d5	11.778	117	217285	50.000	ug/l		0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	104886	50.000	ug/l		0.06
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.000	65	117453	45.574	ug/l		0.07
Spiked Amount 50.000			Recovery =	91.140%			
35) Dibromofluoromethane	7.530	113	80615	46.658	ug/l		0.07
Spiked Amount 50.000			Recovery =	93.320%			
50) Toluene-d8	10.280	98	327231	46.638	ug/l		0.05
Spiked Amount 50.000			Recovery =	93.280%			
62) 4-Bromofluorobenzene	12.912	95	101192	45.876	ug/l		0.05
Spiked Amount 50.000			Recovery =	91.760%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.895	85	2431	2.576	ug/l		91
3) Chloromethane	2.089	50	4724m	3.249	ug/l		
4) Vinyl Chloride	2.219	62	5368	2.886	ug/l		90
5) Bromomethane	2.559	94	4897	4.887	ug/l		92
6) Chloroethane	2.712	64	4379	2.595	ug/l		91
7) Trichlorofluoromethane	3.012	101	9612	2.791	ug/l		91
8) Diethyl Ether	3.382	74	4621	2.798	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.717	101	4214	2.522	ug/l		93
10) Methyl Iodide	3.899	142	2437	1.801	ug/l	#	86
11) Tert butyl alcohol	4.716	59	8497	15.511	ug/l	#	93
12) 1,1-Dichloroethene	3.693	96	3815	2.471	ug/l		90
13) Acrolein	3.558	56	1813m	19.401	ug/l		
14) Allyl chloride	4.263	41	8297	2.725	ug/l		98
15) Acrylonitrile	4.892	53	18765	14.046	ug/l		98
16) Acetone	3.770	43	34887	19.852	ug/l		98
17) Carbon Disulfide	3.999	76	6522	3.108	ug/l		96
18) Methyl Acetate	4.263	43	8144	1.796	ug/l		99
19) Methyl tert-butyl Ether	4.945	73	19053	2.732	ug/l		98
20) Methylene Chloride	4.469	84	4721	2.740	ug/l		85
21) trans-1,2-Dichloroethene	4.945	96	3831	2.914	ug/l		89
22) Diisopropyl ether	5.850	45	19230	2.660	ug/l		89
23) Vinyl Acetate	5.785	43	73165	14.168	ug/l		98
24) 1,1-Dichloroethane	5.738	63	8851	2.617	ug/l	#	84
25) 2-Butanone	6.737	43	32633	16.555	ug/l		96
26) 2,2-Dichloropropane	6.719	77	7278	2.494	ug/l		99
27) cis-1,2-Dichloroethene	6.725	96	5176	2.805	ug/l		98
28) Bromochloromethane	7.113	49	307	0.170	ug/l	#	20
29) Tetrahydrofuran	7.142	42	14986	13.066	ug/l		90
30) Chloroform	7.307	83	8141	2.571	ug/l		89
31) Cyclohexane	7.612	56	10645	4.233	ug/l	#	62
32) 1,1,1-Trichloroethane	7.501	97	6802	2.699	ug/l		97
36) 1,1-Dichloropropene	7.747	75	5234	2.693	ug/l		96
37) Ethyl Acetate	6.837	43	10804	3.266	ug/l		98
38) Carbon Tetrachloride	7.730	117	4386	2.482	ug/l		91
39) Methylcyclohexane	9.146	83	5774	2.689	ug/l		96
40) Benzene	8.012	78	18049	2.744	ug/l		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.083	41	4202	2.525	ug/l		94
42) 1,2-Dichloroethane	8.106	62	6197	2.681	ug/l		100
43) Isopropyl Acetate	8.153	43	14438	2.744	ug/l		96
44) Trichloroethene	8.887	130	3473	2.701	ug/l		84
45) 1,2-Dichloropropane	9.193	63	4557	2.722	ug/l		95
46) Dibromomethane	9.299	93	2427	2.409	ug/l		90
47) Bromodichloromethane	9.504	83	6074	2.674	ug/l		93
48) Methyl methacrylate	9.281	41	5962	2.523	ug/l		89
49) 1,4-Dioxane	9.287	88	2557	57.614	ug/l		93
51) 4-Methyl-2-Pentanone	10.162	43	41701	13.162	ug/l		97
52) Toluene	10.350	92	10563	2.810	ug/l		97
53) t-1,3-Dichloropropene	10.609	75	6540	2.660	ug/l		94
54) cis-1,3-Dichloropropene	10.004	75	6559	2.577	ug/l	#	80
55) 1,1,2-Trichloroethane	10.814	97	4130	2.786	ug/l		97
56) Ethyl methacrylate	10.662	69	7548	2.649	ug/l		92
57) 1,3-Dichloropropane	10.979	76	7449	2.831	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.833	63	13375	17.443	ug/l		99
59) 2-Hexanone	11.026	43	36849	15.352	ug/l		94
60) Dibromochloromethane	11.208	129	3949	2.642	ug/l		96
61) 1,2-Dibromoethane	11.326	107	3530	2.557	ug/l		96
64) Tetrachloroethene	10.891	164	2891	2.927	ug/l	#	87
65) Chlorobenzene	11.807	112	10855	2.783	ug/l		92
66) 1,1,1,2-Tetrachloroethane	11.896	131	3434	2.572	ug/l		88
67) Ethyl Benzene	11.896	91	19665	2.697	ug/l		93
68) m/p-Xylenes	12.019	106	14726	5.468	ug/l		99
69) o-Xylene	12.401	106	7313	2.732	ug/l		99
70) Styrene	12.413	104	12970	2.690	ug/l		97
71) Bromoform	12.607	173	2586	2.533	ug/l	#	93
73) Isopropylbenzene	12.736	105	19040	2.637	ug/l		99
74) N-amyl acetate	12.524	43	9932	2.727	ug/l		93
75) 1,1,2,2-Tetrachloroethane	13.024	83	6936	2.803	ug/l		93
76) 1,2,3-Trichloropropane	13.082	75	6172m	2.860	ug/l		
77) Bromobenzene	13.059	156	4401	2.873	ug/l		93
78) n-propylbenzene	13.129	91	23204	2.705	ug/l		100
79) 2-Chlorotoluene	13.223	91	14322	2.914	ug/l		92
80) 1,3,5-Trimethylbenzene	13.282	105	16059	2.769	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.789	75	2142	2.329	ug/l		91
82) 4-Chlorotoluene	13.335	91	14140	2.827	ug/l		97
83) tert-Butylbenzene	13.588	119	14881	2.772	ug/l		94
84) 1,2,4-Trimethylbenzene	13.635	105	16117	2.736	ug/l		96
85) sec-Butylbenzene	13.788	105	21630	2.747	ug/l		95
86) p-Isopropyltoluene	13.917	119	17655	2.686	ug/l		96
87) 1,3-Dichlorobenzene	13.917	146	8906	2.833	ug/l		99
88) 1,4-Dichlorobenzene	14.011	146	9517m	3.006	ug/l		
89) n-Butylbenzene	14.287	91	17144	2.823	ug/l		95
90) Hexachloroethane	14.604	117	2571	2.535	ug/l		80
91) 1,2-Dichlorobenzene	14.346	146	8715	2.830	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	15.045	75	1400	2.624	ug/l		93
93) 1,2,4-Trichlorobenzene	15.844	180	6475	3.269	ug/l		96
94) Hexachlorobutadiene	15.956	225	2420	2.963	ug/l		94
95) Naphthalene	16.138	128	25527	3.681	ug/l		99
96) 1,2,3-Trichlorobenzene	16.361	180	6288	3.218	ug/l		93

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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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