

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088150.D
 Acq On : 29 Oct 2025 11:27
 Operator : JC\MD
 Sample : VN1029WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBS01

Quant Time: Oct 30 04:02:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	234631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	449642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	401244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	205166	50.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.140%	
35) Dibromofluoromethane	8.147	113	138604	45.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.760%	
50) Toluene-d8	10.547	98	512650	44.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.080%	
62) 4-Bromofluorobenzene	12.829	95	182674	44.440	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	47824	18.070	ug/l	96
3) Chloromethane	2.383	50	55464	17.813	ug/l	95
4) Vinyl Chloride	2.536	62	62863	18.530	ug/l	100
5) Bromomethane	2.977	94	35750	17.618	ug/l	98
6) Chloroethane	3.136	64	42665	17.455	ug/l	94
7) Trichlorofluoromethane	3.512	101	91494	16.909	ug/l	95
8) Diethyl Ether	3.965	74	38034	18.912	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	48821	17.485	ug/l	96
10) Methyl Iodide	4.583	142	33588	15.382	ug/l #	94
11) Tert butyl alcohol	5.518	59	70273	100.537	ug/l	98
12) 1,1-Dichloroethene	4.342	96	51033	17.305	ug/l	91
13) Acrolein	4.177	56	110903	141.057	ug/l	99
14) Allyl chloride	5.018	41	96611	18.690	ug/l	98
15) Acrylonitrile	5.706	53	199107	104.574	ug/l	98
16) Acetone	4.424	43	199066	97.662	ug/l	99
17) Carbon Disulfide	4.706	76	149827	16.713	ug/l	97
18) Methyl Acetate	5.018	43	90835	21.768	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	212086	19.583	ug/l	99
20) Methylene Chloride	5.265	84	66437	21.390	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	57971	17.909	ug/l	97
22) Diisopropyl ether	6.659	45	221667	20.391	ug/l	99
23) Vinyl Acetate	6.589	43	1003011	102.430	ug/l	98
24) 1,1-Dichloroethane	6.553	63	122584	20.357	ug/l	98
25) 2-Butanone	7.471	43	283937	105.702	ug/l	92
26) 2,2-Dichloropropane	7.471	77	98270	17.958	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	71627	19.221	ug/l	93
28) Bromochloromethane	7.800	49	54469	19.144	ug/l	98
29) Tetrahydrofuran	7.824	42	179635	102.613	ug/l	97
30) Chloroform	7.947	83	123867	20.590	ug/l	95
31) Cyclohexane	8.241	56	104220	18.351	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	103790	19.371	ug/l	95
36) 1,1-Dichloropropene	8.353	75	82863	18.787	ug/l	99
37) Ethyl Acetate	7.553	43	114376	20.095	ug/l	97
38) Carbon Tetrachloride	8.341	117	82416	18.092	ug/l	99
39) Methylcyclohexane	9.582	83	88172	15.553	ug/l	99
40) Benzene	8.588	78	257553	19.174	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088150.D
 Acq On : 29 Oct 2025 11:27
 Operator : JC\MD
 Sample : VN1029WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBS01

Quant Time: Oct 30 04:02:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	59917	20.001	ug/l	99
42) 1,2-Dichloroethane	8.653	62	103408	21.667	ug/l	99
43) Isopropyl Acetate	8.677	43	174159	19.913	ug/l	99
44) Trichloroethene	9.335	130	57414	18.287	ug/l	92
45) 1,2-Dichloropropane	9.600	63	69173	20.398	ug/l	98
46) Dibromomethane	9.688	93	48975	20.250	ug/l	99
47) Bromodichloromethane	9.865	83	98967	20.438	ug/l	96
48) Methyl methacrylate	9.665	41	83368	20.646	ug/l	98
49) 1,4-Dioxane	9.682	88	21857	435.215	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	554577	107.184	ug/l	98
52) Toluene	10.606	92	153656	18.554	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	98287	19.071	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	104220	19.057	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	62209	19.800	ug/l	93
56) Ethyl methacrylate	10.853	69	95912	19.290	ug/l	96
57) 1,3-Dichloropropane	11.141	76	111967	20.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	293277	113.397	ug/l	100
59) 2-Hexanone	11.176	43	332546	96.885	ug/l	98
60) Dibromochloromethane	11.335	129	68747	19.251	ug/l	95
61) 1,2-Dibromoethane	11.447	107	60560	18.728	ug/l	97
64) Tetrachloroethene	11.082	164	46483	17.563	ug/l	94
65) Chlorobenzene	11.871	112	170854	18.753	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	56904	19.064	ug/l	99
67) Ethyl Benzene	11.941	91	290536	18.167	ug/l	99
68) m/p-Xylenes	12.053	106	214108	35.731	ug/l	100
69) o-Xylene	12.376	106	104120	18.330	ug/l	98
70) Styrene	12.394	104	176043	19.005	ug/l	98
71) Bromoform	12.559	173	39152	17.576	ug/l #	98
73) Isopropylbenzene	12.676	105	272805	17.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.918	83	94709	19.104	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	91210m	19.323	ug/l	
77) Bromobenzene	12.959	156	64733	18.852	ug/l	98
78) n-propylbenzene	13.012	91	331205	17.044	ug/l	100
79) 2-Chlorotoluene	13.106	91	204184	18.425	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	235234	17.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	22552	13.327	ug/l #	91
82) 4-Chlorotoluene	13.200	91	213326	17.792	ug/l	100
83) tert-Butylbenzene	13.412	119	191887	16.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	235014	17.761	ug/l	100
85) sec-Butylbenzene	13.594	105	282361	16.268	ug/l	100
86) p-Isopropyltoluene	13.706	119	239150	17.176	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	121368	17.705	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	128925	17.511	ug/l	98
89) n-Butylbenzene	14.035	91	228392	16.560	ug/l	100
90) Hexachloroethane	14.312	117	42260	15.673	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	117242	17.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20684	17.925	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	68089	17.015	ug/l	98
94) Hexachlorobutadiene	15.470	225	26232	17.603	ug/l	97
95) Naphthalene	15.617	128	237100	17.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	65984	17.197	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088150.D
Acq On : 29 Oct 2025 11:27
Operator : JC\MD
Sample : VN1029WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1029WBS01

Quant Time: Oct 30 04:02:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

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

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

TIC: VN088150.D\data.ms

Abundance

Time-->

Peak Labels:

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- 1,1-Dichloroethene, T
- Methyl Iodide, T
- Carbon Disulfide, T
- Methyl Acetate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- trans-1,2-Dichloroethene, T
- 1,1-Dichloroethane, P
- Disopropyl ether, T
- Vinyl Acetate, T
- Ethyl Acetate, T
- Methacryloyl chloride, T
- Chloromethane, T
- Chloroform, C
- Cyclohexane, T
- Carbazole, T
- 1,2-Dibromoethane, T
- Isopropyl acetate, T
- 1,2-Dichlorobenzene-d4, S
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- Dibromochloromethane, T
- 1,2-Methoxypropane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 2-Chloroethyl Vinyl ether, T
- 4-Methyl-2-Pentanone, T
- Toluene-d8, S
- Toluene, CM
- 2-Hexanone, T
- 1,2-Dibromochloromethane, I
- 1,2-Dibromopropane, T
- 1,3-Dichloropropane, T
- 1,2-Dibromochloromethane, I
- Chlorobenzene, PM
- Ethyl Benzoate, T
- n,p-Xylenes, T
- Styrene, T
- m-Xylene, T
- Isopropylbenzene, T
- 4-Bromofluorobenzene, S
- 1,1,2,2-Tetrachloroethane, P
- 1,1,2,2-Tetrachloroethane, T
- 2-Chlorobutanol, T
- 2-Chlorobutene, T
- tert-Butylbenzene, T
- sec-Butylbenzene, T
- 1,2,4-Trimethylbenzene, T
- 1,4-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2-Trichlorobenzene, T
- 2,4-Trichlorobenzene, T
- Hexachlorobutadiene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T