

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088516.D
 Acq On : 16 Dec 2025 10:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 01:35:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	351785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	593462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	542012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	266315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	315776	47.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	8.147	113	219996	53.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.980%
50) Toluene-d8	10.541	98	804833	52.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.823	95	278877	53.114	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	239521	45.331	ug/l	99
3) Chloromethane	2.383	50	248803	43.842	ug/l	97
4) Vinyl Chloride	2.536	62	263005	45.556	ug/l	95
5) Bromomethane	2.983	94	124692	44.875	ug/l	96
6) Chloroethane	3.142	64	167404	46.856	ug/l	94
7) Trichlorofluoromethane	3.518	101	388242	47.848	ug/l	99
8) Diethyl Ether	3.959	74	146852	48.219	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	213622	49.453	ug/l	97
10) Methyl Iodide	4.589	142	180113	42.119	ug/l	94
11) Tert butyl alcohol	5.506	59	188111	177.794	ug/l	98
12) 1,1-Dichloroethene	4.342	96	201978	47.061	ug/l	88
13) Acrolein	4.177	56	150511	148.589	ug/l	98
14) Allyl chloride	5.012	41	344246	43.275	ug/l	99
15) Acrylonitrile	5.700	53	730475	239.295	ug/l	99
16) Acetone	4.412	43	464775	193.928	ug/l	96
17) Carbon Disulfide	4.706	76	592958	42.279	ug/l	99
18) Methyl Acetate	5.012	43	350855	49.180	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	777059	48.325	ug/l	99
20) Methylene Chloride	5.265	84	236202	46.064	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	226299	47.598	ug/l	96
22) Diisopropyl ether	6.653	45	819344	48.244	ug/l	97
23) Vinyl Acetate	6.583	43	3591506	262.478	ug/l	99
24) 1,1-Dichloroethane	6.547	63	455914	47.404	ug/l	98
25) 2-Butanone	7.465	43	849711	220.539	ug/l	99
26) 2,2-Dichloropropane	7.471	77	405959	48.902	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	261624	47.350	ug/l	99
28) Bromochloromethane	7.794	49	232531	48.534	ug/l	98
29) Tetrahydrofuran	7.818	42	653751	236.561	ug/l	98
30) Chloroform	7.941	83	460432	48.721	ug/l	100
31) Cyclohexane	8.236	56	397657	45.626	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	397085	47.788	ug/l	97
36) 1,1-Dichloropropene	8.353	75	310450	48.911	ug/l	100
37) Ethyl Acetate	7.541	43	400112	47.942	ug/l	98
38) Carbon Tetrachloride	8.341	117	337968	53.488	ug/l	98
39) Methylcyclohexane	9.577	83	333156	49.072	ug/l	95
40) Benzene	8.583	78	954591	51.242	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088516.D
 Acq On : 16 Dec 2025 10:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 01:35:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	204112	49.379	ug/l	96
42) 1,2-Dichloroethane	8.647	62	365384	51.409	ug/l	100
43) Isopropyl Acetate	8.671	43	614439	48.186	ug/l	97
44) Trichloroethene	9.330	130	214588	48.751	ug/l	97
45) 1,2-Dichloropropane	9.600	63	245729	51.484	ug/l	94
46) Dibromomethane	9.682	93	175460	51.511	ug/l	97
47) Bromodichloromethane	9.865	83	364226	52.406	ug/l	96
48) Methyl methacrylate	9.659	41	294632	50.641	ug/l	93
49) 1,4-Dioxane	9.677	88	65539	885.785	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	1940890	258.234	ug/l	96
52) Toluene	10.606	92	580392	53.956	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	372668	52.239	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	394355	52.566	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	223799	53.775	ug/l	98
56) Ethyl methacrylate	10.853	69	370707	56.390	ug/l #	91
57) 1,3-Dichloropropane	11.141	76	400225	53.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	1068417	281.904	ug/l	98
59) 2-Hexanone	11.171	43	1254703	264.999	ug/l	94
60) Dibromochloromethane	11.335	129	261398	55.096	ug/l	98
61) 1,2-Dibromoethane	11.447	107	221204	52.488	ug/l	97
64) Tetrachloroethene	11.077	164	188878	43.957	ug/l	97
65) Chlorobenzene	11.865	112	612296	50.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	215304	52.434	ug/l	100
67) Ethyl Benzene	11.941	91	1078447	50.682	ug/l	99
68) m/p-Xylenes	12.047	106	813268	103.083	ug/l	99
69) o-Xylene	12.376	106	380347	50.568	ug/l	99
70) Styrene	12.388	104	665041	54.454	ug/l	98
71) Bromoform	12.553	173	170502	56.691	ug/l	100
73) Isopropylbenzene	12.671	105	999226	50.746	ug/l	99
74) N-amyl acetate	12.500	43	343978m	51.295	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	324121	50.916	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	306526m	49.142	ug/l	
77) Bromobenzene	12.953	156	233043	51.726	ug/l	99
78) n-propylbenzene	13.012	91	1204069	49.983	ug/l	100
79) 2-Chlorotoluene	13.100	91	707310	48.082	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	818826	50.183	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	121393	55.211	ug/l #	97
82) 4-Chlorotoluene	13.194	91	756714	51.791	ug/l	100
83) tert-Butylbenzene	13.412	119	659025	47.513	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	825563	50.904	ug/l	99
85) sec-Butylbenzene	13.588	105	979626	49.163	ug/l	100
86) p-Isopropyltoluene	13.706	119	805484	49.296	ug/l	99
87) 1,3-Dichlorobenzene	13.706	146	439194	50.077	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	449411	48.919	ug/l	98
89) n-Butylbenzene	14.029	91	730078	46.018	ug/l	99
90) Hexachloroethane	14.306	117	139769	46.825	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	415762	50.376	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	74190	48.035	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	226027	46.092	ug/l	97
94) Hexachlorobutadiene	15.470	225	81572	46.291	ug/l	96
95) Naphthalene	15.612	128	825620	48.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.806	180	219719	46.039	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
Data File : VN088516.D
Acq On : 16 Dec 2025 10:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Dec 17 01:35:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

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

