

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088305.D
 Acq On : 18 Nov 2025 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 03:29:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	247831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	447891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	394737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	200049	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	211896	49.445	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.880%
35) Dibromofluoromethane	8.147	113	149763	49.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	10.547	98	521105	44.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.900%
62) 4-Bromofluorobenzene	12.829	95	190164	46.443	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	123185	44.065	ug/l	95
3) Chloromethane	2.383	50	148090	45.028	ug/l	98
4) Vinyl Chloride	2.536	62	162046	45.221	ug/l	98
5) Bromomethane	2.971	94	94188	43.944	ug/l	90
6) Chloroethane	3.136	64	106751	41.347	ug/l	95
7) Trichlorofluoromethane	3.512	101	243420	42.590	ug/l	95
8) Diethyl Ether	3.959	74	102043	48.039	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	135432	45.921	ug/l	97
10) Methyl Iodide	4.589	142	140811	52.243	ug/l	97
11) Tert butyl alcohol	5.518	59	167756	227.219	ug/l	98
12) 1,1-Dichloroethene	4.336	96	129393	41.539	ug/l	97
13) Acrolein	4.177	56	246893	297.297	ug/l	100
14) Allyl chloride	5.012	41	244714	44.821	ug/l	95
15) Acrylonitrile	5.706	53	535302	266.174	ug/l	99
16) Acetone	4.424	43	602535	279.860	ug/l	98
17) Carbon Disulfide	4.706	76	377390	39.855	ug/l	99
18) Methyl Acetate	5.018	43	257949	58.522	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	580846	50.775	ug/l	100
20) Methylene Chloride	5.265	84	171633	47.490	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	152595	44.630	ug/l	99
22) Diisopropyl ether	6.659	45	606885	52.854	ug/l	99
23) Vinyl Acetate	6.589	43	2770618	267.873	ug/l	100
24) 1,1-Dichloroethane	6.553	63	324574	51.030	ug/l	97
25) 2-Butanone	7.471	43	788894	278.043	ug/l	96
26) 2,2-Dichloropropane	7.471	77	277014	47.926	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	188510	47.892	ug/l	95
28) Bromochloromethane	7.794	49	161561	53.758	ug/l	95
29) Tetrahydrofuran	7.818	42	490049	265.022	ug/l	97
30) Chloroform	7.947	83	328880	51.758	ug/l	96
31) Cyclohexane	8.236	56	261990	43.674	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	274472	48.499	ug/l	99
36) 1,1-Dichloropropene	8.353	75	216053	49.177	ug/l	99
37) Ethyl Acetate	7.547	43	311659	54.970	ug/l	98
38) Carbon Tetrachloride	8.341	117	235428	51.883	ug/l	97
39) Methylcyclohexane	9.577	83	239517	42.413	ug/l	98
40) Benzene	8.583	78	675873	50.514	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088305.D
 Acq On : 18 Nov 2025 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 03:29:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	158698	53.183	ug/l	99
42) 1,2-Dichloroethane	8.653	62	263155	55.353	ug/l	100
43) Isopropyl Acetate	8.671	43	484125	55.570	ug/l	100
44) Trichloroethene	9.330	130	151713	48.511	ug/l	96
45) 1,2-Dichloropropane	9.600	63	183315	54.269	ug/l	95
46) Dibromomethane	9.688	93	129865	53.905	ug/l	97
47) Bromodichloromethane	9.865	83	268834	55.736	ug/l	93
48) Methyl methacrylate	9.659	41	226146	56.224	ug/l	98
49) 1,4-Dioxane	9.677	88	50830	1016.079	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	1513565	293.672	ug/l	99
52) Toluene	10.606	92	395853	47.986	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	277502	54.056	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	296474	54.424	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	161350	51.554	ug/l	95
56) Ethyl methacrylate	10.853	69	272464	55.012	ug/l	98
57) 1,3-Dichloropropane	11.141	76	299963	54.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	821235	318.775	ug/l	99
59) 2-Hexanone	11.177	43	1058140	309.488	ug/l	98
60) Dibromochloromethane	11.335	129	189365	53.233	ug/l	99
61) 1,2-Dibromoethane	11.447	107	167377	51.965	ug/l	100
64) Tetrachloroethene	11.082	164	124202	47.701	ug/l	95
65) Chlorobenzene	11.871	112	437698	48.833	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	157770	53.726	ug/l	98
67) Ethyl Benzene	11.941	91	764204	48.572	ug/l	99
68) m/p-Xylenes	12.047	106	571892	97.013	ug/l	100
69) o-Xylene	12.376	106	278855	49.900	ug/l	99
70) Styrene	12.388	104	476034	52.239	ug/l	98
71) Bromoform	12.559	173	121321	55.361	ug/l #	100
73) Isopropylbenzene	12.671	105	725173	47.000	ug/l	99
74) N-amyl acetate	12.506	43	221837m	50.648	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	251993	52.459	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	205615m	44.956	ug/l	
77) Bromobenzene	12.959	156	169153	50.840	ug/l	97
78) n-propylbenzene	13.012	91	911324	48.400	ug/l	99
79) 2-Chlorotoluene	13.100	91	535281	49.850	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	627908	49.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	82067	50.053	ug/l	98
82) 4-Chlorotoluene	13.200	91	564587	48.599	ug/l	100
83) tert-Butylbenzene	13.418	119	531261	46.411	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	633859	49.440	ug/l	100
85) sec-Butylbenzene	13.594	105	772573	45.938	ug/l	100
86) p-Isopropyltoluene	13.706	119	650287	48.201	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	333917	50.274	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	337779	47.349	ug/l	99
89) n-Butylbenzene	14.035	91	629147	47.079	ug/l	100
90) Hexachloroethane	14.312	117	127540	48.817	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	316252	49.395	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	57532	51.457	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	185655	47.880	ug/l	99
94) Hexachlorobutadiene	15.470	225	69036	47.811	ug/l	98
95) Naphthalene	15.612	128	650889	49.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	177223	47.668	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
Data File : VN088305.D
Acq On : 18 Nov 2025 09:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 19 03:29:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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

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

