

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088151.D
 Acq On : 29 Oct 2025 12:01
 Operator : JC\MD
 Sample : VN1029WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/30/2025
 Supervised By : Mahesh Dadoda 11/03/2025

Quant Time: Oct 30 04:03:27 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	270555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	503485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	446981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	223712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	254967	54.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.000%			
35) Dibromofluoromethane	8.147	113	169027	49.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	10.547	98	625768	48.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.020%			
62) 4-Bromofluorobenzene	12.829	95	230778	50.139	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	62548	20.495	ug/l	96
3) Chloromethane	2.383	50	69879	19.463	ug/l	97
4) Vinyl Chloride	2.536	62	78160	19.980	ug/l	96
5) Bromomethane	2.977	94	42393	18.118	ug/l	94
6) Chloroethane	3.136	64	54196	19.228	ug/l	98
7) Trichlorofluoromethane	3.512	101	118331	18.965	ug/l	100
8) Diethyl Ether	3.959	74	48362	20.855	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	64698	20.095	ug/l	99
10) Methyl Iodide	4.583	142	49068	18.363	ug/l	97
11) Tert butyl alcohol	5.530	59	94726	117.526	ug/l	98
12) 1,1-Dichloroethene	4.342	96	63319	18.620	ug/l	92
13) Acrolein	4.177	56	123824	136.580	ug/l	97
14) Allyl chloride	5.018	41	121095	20.316	ug/l	99
15) Acrylonitrile	5.706	53	250201	113.961	ug/l	99
16) Acetone	4.424	43	245630	104.506	ug/l	97
17) Carbon Disulfide	4.706	76	187340	18.123	ug/l	98
18) Methyl Acetate	5.018	43	116822	24.278	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	272595	21.828	ug/l	100
20) Methylene Chloride	5.271	84	82558	22.992	ug/l #	95
21) trans-1,2-Dichloroethene	5.777	96	73569	19.710	ug/l	97
22) Diisopropyl ether	6.659	45	281433	22.452	ug/l	99
23) Vinyl Acetate	6.589	43	1292839	114.498	ug/l	100
24) 1,1-Dichloroethane	6.553	63	152547	21.969	ug/l	97
25) 2-Butanone	7.471	43	350177	113.053	ug/l	98
26) 2,2-Dichloropropane	7.471	77	124840	19.784	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	87315	20.320	ug/l	90
28) Bromochloromethane	7.800	49	72482	22.092	ug/l	100
29) Tetrahydrofuran	7.830	42	229805	113.842	ug/l	97
30) Chloroform	7.947	83	155309	22.389	ug/l	98
31) Cyclohexane	8.236	56	131552	20.088	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	128671	20.826	ug/l	96
36) 1,1-Dichloropropene	8.347	75	104716	21.203	ug/l	98
37) Ethyl Acetate	7.547	43	141432	22.191	ug/l	98
38) Carbon Tetrachloride	8.347	117	108034	21.179	ug/l	97
39) Methylcyclohexane	9.577	83	120729	19.018	ug/l	97
40) Benzene	8.588	78	319570	21.247	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	72113	21.498	ug/l	99
42) 1,2-Dichloroethane	8.653	62	131841	24.670	ug/l	97
43) Isopropyl Acetate	8.671	43	219046	22.367	ug/l	99
44) Trichloroethene	9.335	130	72907	20.738	ug/l	92
45) 1,2-Dichloropropane	9.600	63	84147	22.160	ug/l	98
46) Dibromomethane	9.688	93	60906	22.490	ug/l	99
47) Bromodichloromethane	9.865	83	122175	22.533	ug/l	97
48) Methyl methacrylate	9.665	41	105984	23.440	ug/l	98
49) 1,4-Dioxane	9.677	88	28593	508.456	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	703026	121.344	ug/l	99
52) Toluene	10.606	92	191678	20.670	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	125645	21.773	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	131532	21.479	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	78215	22.232	ug/l	96
56) Ethyl methacrylate	10.859	69	122389	21.983	ug/l	94
57) 1,3-Dichloropropane	11.141	76	140336	22.694	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	331221	114.372	ug/l	97
59) 2-Hexanone	11.177	43	437996	113.961	ug/l	99
60) Dibromochloromethane	11.341	129	86047	21.518	ug/l	97
61) 1,2-Dibromoethane	11.447	107	78567	21.699	ug/l	98
64) Tetrachloroethene	11.082	164	60886	20.651	ug/l	94
65) Chlorobenzene	11.871	112	213042	20.990	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	71280	21.436	ug/l	99
67) Ethyl Benzene	11.941	91	369912	20.763	ug/l	98
68) m/p-Xylenes	12.047	106	272357	40.801	ug/l	99
69) o-Xylene	12.376	106	134972	21.330	ug/l	98
70) Styrene	12.394	104	218112	21.138	ug/l	97
71) Bromoform	12.559	173	51850	20.895	ug/l #	97
73) Isopropylbenzene	12.676	105	346309	20.071	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.918	83	120310	22.396	ug/l	100
76) 1,2,3-Trichloropropane	12.976	75	101574m	19.859	ug/l	
77) Bromobenzene	12.959	156	78003	20.965	ug/l	94
78) n-propylbenzene	13.012	91	427327	20.295	ug/l	99
79) 2-Chlorotoluene	13.106	91	258533	21.530	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	297233	20.742	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	31418	17.135	ug/l	94
82) 4-Chlorotoluene	13.200	91	270632	20.831	ug/l	99
83) tert-Butylbenzene	13.418	119	252340	19.713	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	298965	20.852	ug/l	97
85) sec-Butylbenzene	13.594	105	375985	19.992	ug/l	100
86) p-Isopropyltoluene	13.706	119	312122	20.688	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	155019	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	160394	20.106	ug/l	97
89) n-Butylbenzene	14.035	91	302255	20.225	ug/l	99
90) Hexachloroethane	14.312	117	56402	19.305	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	153031	21.374	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	27239	21.786	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	87192	20.108	ug/l	98
94) Hexachlorobutadiene	15.470	225	33214	20.569	ug/l	95
95) Naphthalene	15.612	128	299795	20.182	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	82811	19.918	ug/l	94

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

