

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088016.D
 Acq On : 03 Oct 2025 12:07
 Operator : JC\MD
 Sample : VN1003WBS01
 Misc : 5.00mL//MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 02:53:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	210745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	397174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	382298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	201044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	184280	51.958	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.920%			
35) Dibromofluoromethane	8.147	113	144023	49.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	10.547	98	505265	49.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.640%			
62) 4-Bromofluorobenzene	12.829	95	176825	48.782	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	50304	20.611	ug/l	89
3) Chloromethane	2.383	50	52853	21.150	ug/l	95
4) Vinyl Chloride	2.542	62	55684	21.841	ug/l	98
5) Bromomethane	2.977	94	37479	23.713	ug/l	92
6) Chloroethane	3.142	64	37787	22.795	ug/l	95
7) Trichlorofluoromethane	3.518	101	91817	22.119	ug/l	92
8) Diethyl Ether	3.965	74	35179	22.433	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	50708	23.113	ug/l	97
10) Methyl Iodide	4.583	142	43615	22.088	ug/l	93
11) Tert butyl alcohol	5.518	59	51861	101.520	ug/l	97
12) 1,1-Dichloroethene	4.342	96	49379	22.306	ug/l	90
13) Acrolein	4.171	56	41969	64.029	ug/l	97
14) Allyl chloride	5.012	41	77632	21.541	ug/l	98
15) Acrylonitrile	5.712	53	175059	109.248	ug/l	97
16) Acetone	4.418	43	163822	112.264	ug/l	99
17) Carbon Disulfide	4.706	76	132486	19.155	ug/l	99
18) Methyl Acetate	5.024	43	92834	25.420	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	187628	21.697	ug/l	96
20) Methylene Chloride	5.259	84	64540	21.851	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	57617	21.231	ug/l	91
22) Diisopropyl ether	6.653	45	194296	23.094	ug/l	96
23) Vinyl Acetate	6.589	43	833841	117.711	ug/l	100
24) 1,1-Dichloroethane	6.547	63	112207	22.828	ug/l	96
25) 2-Butanone	7.471	43	241051	108.075	ug/l	96
26) 2,2-Dichloropropane	7.471	77	98952	22.659	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	71261	22.069	ug/l	99
28) Bromochloromethane	7.794	49	54438	20.385	ug/l	95
29) Tetrahydrofuran	7.830	42	149625	104.767	ug/l	99
30) Chloroform	7.947	83	125355	23.324	ug/l	98
31) Cyclohexane	8.236	56	86204	21.675	ug/l	87
32) 1,1,1-Trichloroethane	8.153	97	100892	22.217	ug/l	96
36) 1,1-Dichloropropene	8.353	75	76378	22.027	ug/l	96
37) Ethyl Acetate	7.547	43	98881	21.716	ug/l	97
38) Carbon Tetrachloride	8.347	117	84594	21.261	ug/l	99
39) Methylcyclohexane	9.582	83	74573	19.495	ug/l	95
40) Benzene	8.588	78	242780	21.146	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	50675	21.535	ug/l	100
42) 1,2-Dichloroethane	8.653	62	90833	21.200	ug/l	99
43) Isopropyl Acetate	8.671	43	151542	21.143	ug/l	99
44) Trichloroethene	9.330	130	58771	21.430	ug/l	91
45) 1,2-Dichloropropane	9.600	63	64277	22.327	ug/l	91
46) Dibromomethane	9.688	93	50598	22.273	ug/l	95
47) Bromodichloromethane	9.871	83	100758	22.614	ug/l	98
48) Methyl methacrylate	9.665	41	67399	20.306	ug/l	99
49) 1,4-Dioxane	9.682	88	20615	420.425	ug/l #	79
51) 4-Methyl-2-Pentanone	10.424	43	491455	109.887	ug/l	98
52) Toluene	10.612	92	154675	21.469	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	97633	21.410	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	102613	21.666	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	65722	22.435	ug/l	94
56) Ethyl methacrylate	10.859	69	88156	20.826	ug/l	97
57) 1,3-Dichloropropane	11.141	76	107806	22.374	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	246994	124.104	ug/l	99
59) 2-Hexanone	11.177	43	324609	109.768	ug/l	99
60) Dibromochloromethane	11.335	129	72678	21.101	ug/l	98
61) 1,2-Dibromoethane	11.453	107	66379	21.404	ug/l	99
64) Tetrachloroethene	11.082	164	48633	20.884	ug/l #	83
65) Chlorobenzene	11.871	112	174633	21.465	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	62521	21.310	ug/l	98
67) Ethyl Benzene	11.941	91	285734	21.048	ug/l	99
68) m/p-Xylenes	12.047	106	218109	42.010	ug/l	98
69) o-Xylene	12.376	106	103083	20.666	ug/l	100
70) Styrene	12.388	104	182866	21.346	ug/l	99
71) Bromoform	12.559	173	48240	20.267	ug/l #	99
73) Isopropylbenzene	12.676	105	267454	21.465	ug/l	99
74) N-amyl acetate	12.606	43	94357m	22.983	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	101141	22.529	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	95790m	24.171	ug/l	
77) Bromobenzene	12.959	156	71276	21.499	ug/l	98
78) n-propylbenzene	13.012	91	331926	21.307	ug/l	99
79) 2-Chlorotoluene	13.106	91	203856	21.491	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	232833	21.603	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	27002	18.920	ug/l	94
82) 4-Chlorotoluene	13.200	91	216618	22.664	ug/l	100
83) tert-Butylbenzene	13.418	119	190796	20.915	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	241463	21.842	ug/l	99
85) sec-Butylbenzene	13.594	105	289467	21.643	ug/l	100
86) p-Isopropyltoluene	13.706	119	235506	20.790	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	141493	21.871	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	141799	21.328	ug/l	97
89) n-Butylbenzene	14.035	91	224123	20.936	ug/l	97
90) Hexachloroethane	14.306	117	51390	21.718	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	132395	21.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20888	20.024	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	75098	20.396	ug/l	96
94) Hexachlorobutadiene	15.470	225	26775	19.757	ug/l	97
95) Naphthalene	15.612	128	235049	19.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	72634	20.292	ug/l	99

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

