

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088087.D
 Acq On : 24 Oct 2025 12:28
 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 :John
 Carlone

Quant Time: Oct 25 01:00:39 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

10/27/2025
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	337154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	612856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	535872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	271470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	310900	53.327	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.660%	
35) Dibromofluoromethane	8.147	113	211540	51.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	10.547	98	815442	51.401	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.829	95	300739	53.678	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	199100	52.352	ug/l	97
3) Chloromethane	2.383	50	225215	50.337	ug/l	96
4) Vinyl Chloride	2.536	62	244689	50.193	ug/l	97
5) Bromomethane	2.977	94	132237	45.351	ug/l	96
6) Chloroethane	3.142	64	157315	44.789	ug/l	100
7) Trichlorofluoromethane	3.512	101	363230	46.716	ug/l	98
8) Diethyl Ether	3.959	74	137964	47.742	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	199267	49.665	ug/l	98
10) Methyl Iodide	4.583	142	199689	50.429	ug/l	99
11) Tert butyl alcohol	5.518	59	268117	266.943	ug/l	98
12) 1,1-Dichloroethene	4.336	96	197071	46.505	ug/l	98
13) Acrolein	4.177	56	275051	243.457	ug/l	98
14) Allyl chloride	5.018	41	377824	50.867	ug/l	97
15) Acrylonitrile	5.706	53	724750	264.900	ug/l	98
16) Acetone	4.424	43	644644	220.093	ug/l	100
17) Carbon Disulfide	4.706	76	656025	50.927	ug/l	99
18) Methyl Acetate	5.012	43	326795	54.499	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	799757	51.390	ug/l	99
20) Methylene Chloride	5.271	84	242631	53.173	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	226080	48.604	ug/l	99
22) Diisopropyl ether	6.659	45	819311	52.450	ug/l	99
23) Vinyl Acetate	6.588	43	3807636	270.604	ug/l	98
24) 1,1-Dichloroethane	6.553	63	452412	52.284	ug/l	98
25) 2-Butanone	7.465	43	999804	259.021	ug/l	99
26) 2,2-Dichloropropane	7.471	77	371374	47.229	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	268608	50.162	ug/l	96
28) Bromochloromethane	7.794	49	210598	51.510	ug/l	98
29) Tetrahydrofuran	7.824	42	649648	258.255	ug/l	100
30) Chloroform	7.953	83	450477	52.112	ug/l	98
31) Cyclohexane	8.241	56	401946	49.253	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	390640	50.738	ug/l	98
36) 1,1-Dichloropropene	8.353	75	322246	53.604	ug/l	100
37) Ethyl Acetate	7.547	43	413551	53.308	ug/l	98
38) Carbon Tetrachloride	8.347	117	336548	54.204	ug/l	98
39) Methylcyclohexane	9.582	83	396751	51.345	ug/l	97
40) Benzene	8.588	78	967079	52.823	ug/l	98

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 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	211373	51.768	ug/l	99
42) 1,2-Dichloroethane	8.653	62	372469	57.258	ug/l	99
43) Isopropyl Acetate	8.671	43	651226	54.629	ug/l	98
44) Trichloroethene	9.329	130	223305	52.183	ug/l	100
45) 1,2-Dichloropropane	9.600	63	244503	52.900	ug/l	100
46) Dibromomethane	9.688	93	178291	54.086	ug/l	98
47) Bromodichloromethane	9.865	83	362409	54.911	ug/l	96
48) Methyl methacrylate	9.659	41	309271	56.194	ug/l	99
49) 1,4-Dioxane	9.676	88	80363	1174.026	ug/l #	96
51) 4-Methyl-2-Pentanone	10.423	43	1981478	280.973	ug/l	99
52) Toluene	10.606	92	581252	51.494	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	376544	53.605	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	397855	53.376	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	219605	51.280	ug/l	96
56) Ethyl methacrylate	10.853	69	387450	57.172	ug/l	98
57) 1,3-Dichloropropane	11.141	76	403978	53.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1010759	286.733	ug/l	99
59) 2-Hexanone	11.176	43	1361758	291.082	ug/l	99
60) Dibromochloromethane	11.341	129	257497	52.902	ug/l	99
61) 1,2-Dibromoethane	11.447	107	228938	51.945	ug/l	100
64) Tetrachloroethene	11.082	164	183631	51.951	ug/l	96
65) Chlorobenzene	11.870	112	633784	52.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	215385	54.029	ug/l	99
67) Ethyl Benzene	11.941	91	1141551	53.447	ug/l	100
68) m/p-Xylenes	12.047	106	853981	106.712	ug/l	100
69) o-Xylene	12.376	106	409468	53.975	ug/l	100
70) Styrene	12.388	104	703114	56.837	ug/l	98
71) Bromoform	12.559	173	165388	55.593	ug/l #	96
73) Isopropylbenzene	12.670	105	1089078	52.015	ug/l	100
74) N-amyl acetate	12.500	43	335593m	56.462	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	335898	51.529	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	327127m	52.706	ug/l	
77) Bromobenzene	12.959	156	237140	52.523	ug/l	96
78) n-propylbenzene	13.012	91	1348956	52.794	ug/l	100
79) 2-Chlorotoluene	13.100	91	794466	54.522	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	927822	53.357	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	110401	49.619	ug/l	89
82) 4-Chlorotoluene	13.200	91	818082	51.893	ug/l	99
83) tert-Butylbenzene	13.412	119	800354	51.524	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	938035	53.917	ug/l	99
85) sec-Butylbenzene	13.594	105	1168949	51.220	ug/l	100
86) p-Isopropyltoluene	13.706	119	979692	53.512	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	473261	52.507	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	476413	49.213	ug/l	98
89) n-Butylbenzene	14.029	91	948738	52.316	ug/l	99
90) Hexachloroethane	14.306	117	180337	50.866	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	443181	51.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	80098	52.792	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	273803	52.036	ug/l	99
94) Hexachlorobutadiene	15.476	225	102659	52.391	ug/l	98
95) Naphthalene	15.611	128	938860	52.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	258257	51.188	ug/l	98

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

