

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087693.D
 Acq On : 29 Aug 2025 12:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 22:51:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	191520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	371305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	364439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	186778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189370	48.259	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.147	113	132581	49.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.547	98	493637	49.197	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.400%		
62) 4-Bromofluorobenzene	12.829	95	180449	50.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	133569	49.104	ug/l	96
3) Chloromethane	2.383	50	140182	50.147	ug/l	99
4) Vinyl Chloride	2.542	62	160234	49.437	ug/l	99
5) Bromomethane	2.959	94	81294	48.610	ug/l	94
6) Chloroethane	3.130	64	111532	48.960	ug/l	93
7) Trichlorofluoromethane	3.506	101	241221	50.798	ug/l	99
8) Diethyl Ether	3.959	74	100251	48.475	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	131090	48.787	ug/l	99
10) Methyl Iodide	4.577	142	81953	42.063	ug/l	92
11) Tert butyl alcohol	5.530	59	168769	247.743	ug/l	99
12) 1,1-Dichloroethene	4.330	96	130974	47.433	ug/l	96
13) Acrolein	4.171	56	195333	233.240	ug/l	98
14) Allyl chloride	5.006	41	216153	43.198	ug/l	98
15) Acrylonitrile	5.706	53	468011	243.601	ug/l	99
16) Acetone	4.418	43	471526	220.740	ug/l	98
17) Carbon Disulfide	4.706	76	335145	44.089	ug/l	97
18) Methyl Acetate	5.018	43	235905	52.745	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	515002	49.718	ug/l	99
20) Methylene Chloride	5.265	84	157286	50.929	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	139263	46.536	ug/l	93
22) Diisopropyl ether	6.659	45	544231	50.400	ug/l	97
23) Vinyl Acetate	6.589	43	2469006	251.323	ug/l	99
24) 1,1-Dichloroethane	6.547	63	283045	47.807	ug/l	98
25) 2-Butanone	7.471	43	672459	239.282	ug/l	99
26) 2,2-Dichloropropane	7.477	77	230378	45.337	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	172078	48.099	ug/l	99
28) Bromochloromethane	7.800	49	141381	49.395	ug/l	98
29) Tetrahydrofuran	7.824	42	443196	245.049	ug/l	99
30) Chloroform	7.947	83	310122	51.319	ug/l	99
31) Cyclohexane	8.241	56	224964	45.579	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	248001	48.426	ug/l	98
36) 1,1-Dichloropropene	8.353	75	191825	46.642	ug/l	98
37) Ethyl Acetate	7.547	43	277772	49.426	ug/l	98
38) Carbon Tetrachloride	8.341	117	199259	49.071	ug/l	98
39) Methylcyclohexane	9.582	83	206436	45.592	ug/l	97
40) Benzene	8.588	78	625252	49.567	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	143104	49.157	ug/l	98
42) 1,2-Dichloroethane	8.653	62	240468	49.608	ug/l	99
43) Isopropyl Acetate	8.671	43	450972	51.398	ug/l	99
44) Trichloroethene	9.330	130	139358	48.389	ug/l	95
45) 1,2-Dichloropropane	9.600	63	165303	49.715	ug/l	99
46) Dibromomethane	9.688	93	118106	49.915	ug/l	99
47) Bromodichloromethane	9.871	83	246706	50.875	ug/l #	99
48) Methyl methacrylate	9.665	41	210762	50.783	ug/l	99
49) 1,4-Dioxane	9.677	88	64059	1190.849	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1405573	265.512	ug/l	100
52) Toluene	10.612	92	387057	49.495	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	251750	50.155	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	261991	50.268	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	156363	51.687	ug/l	95
56) Ethyl methacrylate	10.859	69	259596	53.695	ug/l	98
57) 1,3-Dichloropropane	11.141	76	275782	51.511	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	706449	269.972	ug/l	100
59) 2-Hexanone	11.177	43	952969	284.835	ug/l	98
60) Dibromochloromethane	11.341	129	182617	52.098	ug/l	100
61) 1,2-Dibromoethane	11.447	107	163845	51.364	ug/l	99
64) Tetrachloroethene	11.082	164	111138	43.955	ug/l	94
65) Chlorobenzene	11.871	112	423617	46.722	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	149687	49.730	ug/l	98
67) Ethyl Benzene	11.941	91	754439	48.059	ug/l	95
68) m/p-Xylenes	12.047	106	564475	98.046	ug/l	100
69) o-Xylene	12.376	106	280558	49.726	ug/l	98
70) Styrene	12.388	104	482243	51.018	ug/l	99
71) Bromoform	12.559	173	119487	51.760	ug/l #	98
73) Isopropylbenzene	12.676	105	708214	46.924	ug/l	100
74) N-amyl acetate	12.500	43	267206m	46.717	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	252067	48.509	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	230813m	52.697	ug/l	
77) Bromobenzene	12.959	156	167164	46.974	ug/l	98
78) n-propylbenzene	13.012	91	885108	47.610	ug/l	99
79) 2-Chlorotoluene	13.100	91	526261	47.040	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	615009	48.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	82671	49.968	ug/l	96
82) 4-Chlorotoluene	13.200	91	550714	46.819	ug/l	97
83) tert-Butylbenzene	13.418	119	510588	47.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	630082	49.159	ug/l	99
85) sec-Butylbenzene	13.594	105	749419	47.332	ug/l	100
86) p-Isopropyltoluene	13.706	119	623474	47.687	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	330379	47.143	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	340358	46.670	ug/l	98
89) n-Butylbenzene	14.035	91	616765	47.499	ug/l	99
90) Hexachloroethane	14.312	117	121377	48.729	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	316654	47.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	57942	46.940	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	186005	46.590	ug/l	98
94) Hexachlorobutadiene	15.476	225	64636	45.412	ug/l	99
95) Naphthalene	15.617	128	676040	47.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	180020	46.124	ug/l	98

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

