

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087337.D
 Acq On : 17 Jul 2025 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 01:19:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	204422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	364268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	327734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	171486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	175718	50.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.320%	
35) Dibromofluoromethane	8.147	113	127799	50.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	10.547	98	472672	52.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	12.829	95	174240	52.617	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	119451	55.016	ug/l	97
3) Chloromethane	2.383	50	139087	50.941	ug/l	97
4) Vinyl Chloride	2.542	62	136154	50.178	ug/l	97
5) Bromomethane	2.971	94	73450	52.273	ug/l	99
6) Chloroethane	3.130	64	88565	50.049	ug/l	99
7) Trichlorofluoromethane	3.506	101	194185	48.398	ug/l	95
8) Diethyl Ether	3.959	74	77553	49.828	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	104097	50.541	ug/l	98
10) Methyl Iodide	4.577	142	109578	51.521	ug/l	97
11) Tert butyl alcohol	5.530	59	161499	245.211	ug/l	99
12) 1,1-Dichloroethene	4.336	96	108094	46.313	ug/l	97
13) Acrolein	4.171	56	138714	262.441	ug/l	95
14) Allyl chloride	5.006	41	197468	46.750	ug/l	99
15) Acrylonitrile	5.706	53	438090	245.124	ug/l	99
16) Acetone	4.418	43	395390	243.118	ug/l	98
17) Carbon Disulfide	4.700	76	337757	48.811	ug/l	96
18) Methyl Acetate	5.018	43	190086	46.522	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	430717	50.067	ug/l	95
20) Methylene Chloride	5.259	84	135840	49.402	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	125860	47.825	ug/l	92
22) Diisopropyl ether	6.659	45	459533	51.865	ug/l	97
23) Vinyl Acetate	6.589	43	1935282	249.745	ug/l	99
24) 1,1-Dichloroethane	6.553	63	245326	47.994	ug/l	98
25) 2-Butanone	7.471	43	624841	248.660	ug/l	100
26) 2,2-Dichloropropane	7.477	77	213565	53.738	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	153349	50.613	ug/l	97
28) Bromochloromethane	7.800	49	130116	53.187	ug/l	97
29) Tetrahydrofuran	7.830	42	406425	248.973	ug/l	99
30) Chloroform	7.953	83	250278	48.917	ug/l	98
31) Cyclohexane	8.241	56	207415	48.641	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	212686	47.995	ug/l	98
36) 1,1-Dichloropropene	8.359	75	170693	51.418	ug/l	99
37) Ethyl Acetate	7.547	43	234604	48.932	ug/l	98
38) Carbon Tetrachloride	8.347	117	181008	49.497	ug/l	94
39) Methylcyclohexane	9.583	83	194705	54.173	ug/l	95
40) Benzene	8.588	78	546106	50.898	ug/l	98

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41) Methacrylonitrile	7.759	41	131674	52.523	ug/l	98
42) 1,2-Dichloroethane	8.653	62	200332	49.236	ug/l	99
43) Isopropyl Acetate	8.677	43	380995	51.190	ug/l	100
44) Trichloroethene	9.335	130	123168	48.583	ug/l	96
45) 1,2-Dichloropropane	9.606	63	135927	49.859	ug/l	98
46) Dibromomethane	9.694	93	98074	48.047	ug/l	97
47) Bromodichloromethane	9.871	83	202100	49.155	ug/l	98
48) Methyl methacrylate	9.665	41	176635	52.717	ug/l	99
49) 1,4-Dioxane	9.683	88	59394	1157.364	ug/l #	98
51) 4-Methyl-2-Pentanone	10.430	43	1206209	256.240	ug/l	99
52) Toluene	10.612	92	337814	51.800	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	216288	51.979	ug/l	92
54) cis-1,3-Dichloropropene	10.294	75	225476	52.459	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	129236	48.948	ug/l	95
56) Ethyl methacrylate	10.859	69	223960	50.436	ug/l	99
57) 1,3-Dichloropropane	11.147	76	232633	50.961	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	604681	279.188	ug/l	99
59) 2-Hexanone	11.177	43	854327	273.549	ug/l	100
60) Dibromochloromethane	11.341	129	148763	49.405	ug/l	100
61) 1,2-Dibromoethane	11.453	107	136670	49.231	ug/l	98
64) Tetrachloroethene	11.082	164	103356	49.000	ug/l	96
65) Chlorobenzene	11.871	112	361684	49.156	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	127017	50.767	ug/l	100
67) Ethyl Benzene	11.941	91	627143	51.775	ug/l	99
68) m/p-Xylenes	12.053	106	485956	107.138	ug/l	99
69) o-Xylene	12.376	106	231507	53.432	ug/l	99
70) Styrene	12.388	104	401698	55.113	ug/l	98
71) Bromoform	12.559	173	104602	51.751	ug/l #	100
73) Isopropylbenzene	12.676	105	591959	54.847	ug/l	99
74) N-amyl acetate	12.488	43	213598	47.633	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.918	83	201263	49.558	ug/l	100
76) 1,2,3-Trichloropropane	12.976	75	199282m	51.823	ug/l	
77) Bromobenzene	12.959	156	144756	51.715	ug/l	100
78) n-propylbenzene	13.018	91	729777	53.742	ug/l	100
79) 2-Chlorotoluene	13.106	91	431201	51.668	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	498618	54.222	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	82609	58.779	ug/l	94
82) 4-Chlorotoluene	13.200	91	447377	51.489	ug/l	100
83) tert-Butylbenzene	13.418	119	432738	56.343	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	511609	54.479	ug/l	99
85) sec-Butylbenzene	13.594	105	618596	53.471	ug/l	99
86) p-Isopropyltoluene	13.706	119	528335	56.987	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	275374	50.127	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	281714	48.014	ug/l	98
89) n-Butylbenzene	14.035	91	495153	55.932	ug/l	100
90) Hexachloroethane	14.312	117	100452	51.138	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	268299	51.553	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	48700	45.674	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	160260	52.422	ug/l	99
94) Hexachlorobutadiene	15.476	225	65908	58.021	ug/l	99
95) Naphthalene	15.612	128	574687	53.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	162533	53.002	ug/l	99

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

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