

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087762.D
 Acq On : 08 Sep 2025 16:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/09/2025
 Supervised By : Mahesh Dadoda 09/09/2025

Quant Time: Sep 09 02:30:32 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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	247140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	467958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	430096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	225729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219548	43.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.720%		
35) Dibromofluoromethane	8.147	113	159446	47.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.380%		
50) Toluene-d8	10.547	98	602622	47.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.823	95	219438	48.794	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	158844	45.254	ug/l	97
3) Chloromethane	2.383	50	150963	41.850	ug/l	98
4) Vinyl Chloride	2.536	62	186563	44.606	ug/l	99
5) Bromomethane	2.971	94	98640	45.707	ug/l	98
6) Chloroethane	3.136	64	124159	42.237	ug/l	96
7) Trichlorofluoromethane	3.512	101	303535	49.535	ug/l	96
8) Diethyl Ether	3.959	74	110592	41.441	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	171875	49.570	ug/l	100
10) Methyl Iodide	4.577	142	100493	40.310	ug/l	95
11) Tert butyl alcohol	5.524	59	178444	202.994	ug/l	98
12) 1,1-Dichloroethene	4.336	96	161961	45.455	ug/l	93
13) Acrolein	4.171	56	229141	212.032	ug/l	100
14) Allyl chloride	5.018	41	242035	37.484	ug/l	97
15) Acrylonitrile	5.706	53	506914	204.469	ug/l	99
16) Acetone	4.418	43	501450	181.917	ug/l	94
17) Carbon Disulfide	4.700	76	384044	39.151	ug/l	99
18) Methyl Acetate	5.018	43	277013	47.997	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	544017	40.699	ug/l	98
20) Methylene Chloride	5.265	84	161463	40.255	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	155192	40.188	ug/l	89
22) Diisopropyl ether	6.659	45	582623	41.813	ug/l	99
23) Vinyl Acetate	6.588	43	2594898	204.692	ug/l	99
24) 1,1-Dichloroethane	6.553	63	317754	41.591	ug/l	100
25) 2-Butanone	7.465	43	728182	200.796	ug/l	99
26) 2,2-Dichloropropane	7.471	77	283354	43.213	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	188598	40.852	ug/l	97
28) Bromochloromethane	7.794	49	157774	42.717	ug/l	98
29) Tetrahydrofuran	7.824	42	483012	206.959	ug/l	99
30) Chloroform	7.947	83	331240	42.478	ug/l	100
31) Cyclohexane	8.241	56	279467	43.879	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	289628	43.826	ug/l	99
36) 1,1-Dichloropropene	8.353	75	225887	43.580	ug/l	98
37) Ethyl Acetate	7.547	43	291756	41.192	ug/l	98
38) Carbon Tetrachloride	8.347	117	251812	49.205	ug/l	91
39) Methylcyclohexane	9.576	83	273029	47.845	ug/l	95
40) Benzene	8.588	78	700460	44.060	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	156266	42.592	ug/l	98
42) 1,2-Dichloroethane	8.647	62	256692	42.017	ug/l	100
43) Isopropyl Acetate	8.671	43	476943	43.131	ug/l	99
44) Trichloroethene	9.335	130	156748	43.186	ug/l	97
45) 1,2-Dichloropropane	9.600	63	177853	42.442	ug/l	98
46) Dibromomethane	9.688	93	130123	43.636	ug/l	98
47) Bromodichloromethane	9.865	83	274781	44.961	ug/l	93
48) Methyl methacrylate	9.659	41	220364	42.130	ug/l	99
49) 1,4-Dioxane	9.676	88	59552	878.409	ug/l #	97
51) 4-Methyl-2-Pentanone	10.423	43	1499020	224.679	ug/l	100
52) Toluene	10.612	92	435643	44.202	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	283929	44.882	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	289705	44.105	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	171500	44.982	ug/l	99
56) Ethyl methacrylate	10.853	69	279458	45.865	ug/l	97
57) 1,3-Dichloropropane	11.141	76	299826	44.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	722803	219.171	ug/l	100
59) 2-Hexanone	11.176	43	1018568	241.562	ug/l	99
60) Dibromochloromethane	11.335	129	198161	44.856	ug/l	99
61) 1,2-Dibromoethane	11.447	107	177644	44.188	ug/l	99
64) Tetrachloroethene	11.082	164	129069	43.254	ug/l	94
65) Chlorobenzene	11.870	112	482160	45.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	163969	46.159	ug/l	99
67) Ethyl Benzene	11.941	91	861722	46.513	ug/l	99
68) m/p-Xylenes	12.047	106	640561	94.277	ug/l	100
69) o-Xylene	12.376	106	310704	46.662	ug/l	98
70) Styrene	12.388	104	530976	47.599	ug/l	98
71) Bromoform	12.559	173	129119	47.394	ug/l #	97
73) Isopropylbenzene	12.670	105	841582	46.138	ug/l	100
74) N-amyl acetate	12.500	43	327080m	47.317	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	272306	43.362	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	246105m	46.492	ug/l	
77) Bromobenzene	12.959	156	183196	42.596	ug/l	97
78) n-propylbenzene	13.011	91	1054241	46.923	ug/l	100
79) 2-Chlorotoluene	13.106	91	608328	44.992	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	707361	45.714	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	92113	46.068	ug/l	84
82) 4-Chlorotoluene	13.200	91	621490	43.719	ug/l	98
83) tert-Butylbenzene	13.411	119	622909	48.308	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	708372	45.731	ug/l	99
85) sec-Butylbenzene	13.594	105	943930	49.329	ug/l	99
86) p-Isopropyltoluene	13.706	119	761630	48.202	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	369293	43.603	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	378836	42.982	ug/l	100
89) n-Butylbenzene	14.029	91	765972	48.810	ug/l	99
90) Hexachloroethane	14.306	117	149807	49.764	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	354663	44.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	59960	40.193	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	212589	44.060	ug/l	98
94) Hexachlorobutadiene	15.476	225	87209	50.699	ug/l	98
95) Naphthalene	15.611	128	743352	43.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	201627	42.746	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

