

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087045.D
 Acq On : 17 Jun 2025 09:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 18 01:41:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111173	46.417	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.840%		
35) Dibromofluoromethane	8.177	113	95983	51.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.800%		
50) Toluene-d8	10.565	98	358050	48.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.847	95	133394	49.036	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.153	85	105437	59.114	ug/l	100
3) Chloromethane	2.395	50	108375	47.054	ug/l	99
4) Vinyl Chloride	2.553	62	140696	59.218	ug/l	99
5) Bromomethane	2.995	94	63664	47.883	ug/l	98
6) Chloroethane	3.159	64	88430	57.621	ug/l	92
7) Trichlorofluoromethane	3.530	101	180597	58.179	ug/l	98
8) Diethyl Ether	3.983	74	75753	56.010	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	112692	57.783	ug/l	98
10) Methyl Iodide	4.612	142	70472	27.875	ug/l	98
11) Tert butyl alcohol	5.536	59	145967	224.604	ug/l	100
12) 1,1-Dichloroethene	4.365	96	114343	57.428	ug/l	95
13) Acrolein	4.206	56	35237	171.293	ug/l	99
14) Allyl chloride	5.047	41	166948	50.559	ug/l	96
15) Acrylonitrile	5.736	53	385697	253.912	ug/l	99
16) Acetone	4.442	43	337624	265.816	ug/l	97
17) Carbon Disulfide	4.742	76	338278	61.422	ug/l	100
18) Methyl Acetate	5.047	43	159602	43.119	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	383089	53.139	ug/l	100
20) Methylene Chloride	5.294	84	128619	54.089	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	122249	55.186	ug/l	94
22) Diisopropyl ether	6.688	45	357872	51.415	ug/l	97
23) Vinyl Acetate	6.618	43	1581728	268.963	ug/l	97
24) 1,1-Dichloroethane	6.588	63	219016	54.677	ug/l	99
25) 2-Butanone	7.494	43	476455	230.777	ug/l	97
26) 2,2-Dichloropropane	7.500	77	189738	60.894	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	147033	55.499	ug/l	99
28) Bromochloromethane	7.824	49	79836	40.537	ug/l	93
29) Tetrahydrofuran	7.847	42	318733	236.990	ug/l	96
30) Chloroform	7.977	83	216737	54.181	ug/l	98
31) Cyclohexane	8.265	56	196017	50.460	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	182413	53.614	ug/l	97
36) 1,1-Dichloropropene	8.382	75	161052	58.436	ug/l	100
37) Ethyl Acetate	7.571	43	184563	52.606	ug/l	99
38) Carbon Tetrachloride	8.371	117	155867	57.605	ug/l	98
39) Methylcyclohexane	9.606	83	193140	51.151	ug/l	95
40) Benzene	8.612	78	510124	56.603	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	97416	49.441	ug/l	94
42) 1,2-Dichloroethane	8.677	62	152007	55.609	ug/l	99
43) Isopropyl Acetate	8.694	43	283428	50.333	ug/l	97
44) Trichloroethene	9.359	130	122896	57.509	ug/l	98
45) 1,2-Dichloropropane	9.624	63	122677	55.952	ug/l	97
46) Dibromomethane	9.712	93	85210	58.510	ug/l	99
47) Bromodichloromethane	9.888	83	169444	56.550	ug/l	98
48) Methyl methacrylate	9.682	41	130292	50.271	ug/l	95
49) 1,4-Dioxane	9.700	88	49294	1045.473	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	873718	257.739	ug/l	97
52) Toluene	10.629	92	315522	57.288	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	190622	56.893	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	205171	57.231	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	118127	55.740	ug/l	99
56) Ethyl methacrylate	10.876	69	195696	57.976	ug/l	94
57) 1,3-Dichloropropane	11.165	76	205677	55.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	490344	243.555	ug/l	99
59) 2-Hexanone	11.200	43	579829	265.542	ug/l	94
60) Dibromochloromethane	11.359	129	127864	57.909	ug/l	98
61) 1,2-Dibromoethane	11.471	107	122619	56.449	ug/l	99
64) Tetrachloroethene	11.106	164	97132	55.204	ug/l	96
65) Chlorobenzene	11.888	112	337054	54.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	110500	56.061	ug/l	99
67) Ethyl Benzene	11.965	91	573298	54.279	ug/l	98
68) m/p-Xylenes	12.070	106	459223	113.581	ug/l	97
69) o-Xylene	12.394	106	218362	56.391	ug/l	96
70) Styrene	12.412	104	374480	56.515	ug/l	99
71) Bromoform	12.576	173	85445	58.506	ug/l #	99
73) Isopropylbenzene	12.694	105	537032	53.577	ug/l	99
74) N-amyl acetate	12.512	43	160037	45.690	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	184655	54.378	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	153305m	46.874	ug/l	
77) Bromobenzene	12.982	156	131485	57.199	ug/l	96
78) n-propylbenzene	13.035	91	641851	52.692	ug/l	99
79) 2-Chlorotoluene	13.123	91	385196	52.729	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	443295	53.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	70905m	49.906	ug/l	
82) 4-Chlorotoluene	13.217	91	398180	53.869	ug/l	99
83) tert-Butylbenzene	13.435	119	378527	49.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	446609	53.818	ug/l	99
85) sec-Butylbenzene	13.612	105	539504	49.041	ug/l	99
86) p-Isopropyltoluene	13.729	119	458085	50.373	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	248250	54.889	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	254911	55.283	ug/l	99
89) n-Butylbenzene	14.053	91	406564	46.157	ug/l	99
90) Hexachloroethane	14.329	117	80443	52.187	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	237605	54.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40448	49.806	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	134529	48.485	ug/l	99
94) Hexachlorobutadiene	15.494	225	38343	37.091	ug/l	99
95) Naphthalene	15.635	128	529854	51.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	128848	46.739	ug/l	99

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

