

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087328.D
 Acq On : 16 Jul 2025 17:05
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 17 02:16:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	166177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	312474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	274838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	128808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	1484	0.841	ug/l	98
3) Chloromethane	2.389	50	2372	1.069	ug/l	96
4) Vinyl Chloride	2.542	62	1841	0.835	ug/l #	68
6) Chloroethane	3.153	64	1316	0.915	ug/l	93
7) Trichlorofluoromethane	3.506	101	3187	0.977	ug/l	92
8) Diethyl Ether	3.965	74	1114	0.880	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	1539	0.919	ug/l #	31
12) 1,1-Dichloroethene	4.347	96	2112	1.113	ug/l #	53
14) Allyl chloride	5.012	41	3155m	0.919	ug/l	
15) Acrylonitrile	5.712	53	6965	4.794	ug/l #	80
16) Acetone	4.430	43	7566m	5.660	ug/l	
17) Carbon Disulfide	4.700	76	5602	0.996	ug/l #	71
18) Methyl Acetate	5.018	43	3347	1.008	ug/l #	74
19) Methyl tert-butyl Ether	5.789	73	6351m	0.908	ug/l	
20) Methylene Chloride	5.271	84	3679	1.019	ug/l #	74
21) trans-1,2-Dichloroethene	5.777	96	2216	1.036	ug/l #	53
22) Diisopropyl ether	6.659	45	5973	0.829	ug/l #	75
23) Vinyl Acetate	6.600	43	23617	3.749	ug/l #	93
24) 1,1-Dichloroethane	6.547	63	4333	1.043	ug/l #	83
25) 2-Butanone	7.477	43	9174	4.491	ug/l	99
26) 2,2-Dichloropropane	7.471	77	3368	1.043	ug/l #	67
27) cis-1,2-Dichloroethene	7.471	96	2340	0.950	ug/l	99
28) Bromochloromethane	7.794	49	1982	0.997	ug/l #	85
29) Tetrahydrofuran	7.835	42	5981	4.507	ug/l	94
30) Chloroform	7.953	83	3924	0.943	ug/l #	71
32) 1,1,1-Trichloroethane	8.165	97	3468	0.963	ug/l #	45
36) 1,1-Dichloropropene	8.353	75	2421	0.850	ug/l	96
37) Ethyl Acetate	7.547	43	3670	0.892	ug/l #	82
38) Carbon Tetrachloride	8.341	117	2833	0.903	ug/l #	83
39) Methylcyclohexane	9.588	83	2794	0.906	ug/l #	86
40) Benzene	8.588	78	8561	0.930	ug/l	97
41) Methacrylonitrile	7.771	41	1805	0.839	ug/l #	87
42) 1,2-Dichloroethane	8.653	62	3456	0.990	ug/l	89
43) Isopropyl Acetate	8.677	43	5865	0.919	ug/l #	95
44) Trichloroethene	9.341	130	2331	1.072	ug/l	70
45) 1,2-Dichloropropane	9.606	63	2094	0.895	ug/l #	86

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 Supervised By :Semsettin Yesilyurt 07/17/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.694	93	1657	0.946	ug/l #	87
47) Bromodichloromethane	9.871	83	3549	1.006	ug/l #	91
48) Methyl methacrylate	9.671	41	2322	0.808	ug/l	94
49) 1,4-Dioxane	9.682	88	696	15.810	ug/l #	53
51) 4-Methyl-2-Pentanone	10.429	43	17216	4.263	ug/l	91
52) Toluene	10.612	92	4834	0.864	ug/l	91
53) t-1,3-Dichloropropene	10.818	75	2869	0.804	ug/l #	56
54) cis-1,3-Dichloropropene	10.294	75	3059	0.830	ug/l	94
55) 1,1,2-Trichloroethane	11.000	97	2294	1.013	ug/l #	83
56) Ethyl methacrylate	10.859	69	2173	1.217	ug/l #	90
57) 1,3-Dichloropropane	11.141	76	3477	0.888	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.141	63	6887	3.707	ug/l	96
59) 2-Hexanone	11.182	43	8707	3.250	ug/l	87
60) Dibromochloromethane	11.347	129	2200	0.852	ug/l	82
61) 1,2-Dibromoethane	11.459	107	2291	0.962	ug/l	90
64) Tetrachloroethene	11.088	164	1807	1.022	ug/l #	75
65) Chlorobenzene	11.870	112	6259	1.014	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	1783	0.850	ug/l #	50
67) Ethyl Benzene	11.941	91	9031	0.889	ug/l	92
68) m/p-Xylenes	12.053	106	5952	1.565	ug/l	97
69) o-Xylene	12.388	106	2700	0.743	ug/l	91
70) Styrene	12.400	104	3989	0.653	ug/l	91
71) Bromoform	12.559	173	1351	0.797	ug/l #	94
73) Isopropylbenzene	12.682	105	6501	0.802	ug/l	95
74) N-amyl acetate	12.841	43	3372m	1.065	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	2986	0.979	ug/l #	78
76) 1,2,3-Trichloropropane	12.976	75	3113m	1.089	ug/l	
77) Bromobenzene	12.953	156	1724	0.820	ug/l	79
78) n-propylbenzene	13.017	91	8378	0.821	ug/l	95
79) 2-Chlorotoluene	13.100	91	5372	0.857	ug/l	93
80) 1,3,5-Trimethylbenzene	13.147	105	5329	0.772	ug/l	93
82) 4-Chlorotoluene	13.200	91	5733	0.878	ug/l	96
83) tert-Butylbenzene	13.412	119	4588	0.795	ug/l	90
84) 1,2,4-Trimethylbenzene	13.464	105	5671	0.804	ug/l	87
85) sec-Butylbenzene	13.594	105	8037	0.925	ug/l	97
86) p-Isopropyltoluene	13.712	119	5360	0.770	ug/l	92
87) 1,3-Dichlorobenzene	13.712	146	3731	0.904	ug/l	89
88) 1,4-Dichlorobenzene	13.794	146	4655m	1.056	ug/l	
89) n-Butylbenzene	14.035	91	5869	0.883	ug/l	91
90) Hexachloroethane	14.317	117	1527	1.035	ug/l	87
91) 1,2-Dichlorobenzene	14.088	146	3358	0.859	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.711	75	874	1.091	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.376	180	1960	0.854	ug/l	78
94) Hexachlorobutadiene	15.476	225	903	1.058	ug/l	76
95) Naphthalene	15.611	128	6404	0.787	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.806	180	2068	0.898	ug/l	99

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

Reviewed By :Mahesh Dadoda 07/17/2025
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