

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087340.D
 Acq On : 17 Jul 2025 11:31
 Operator : JC\MD
 Sample : VN0717WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBS01

Quant Time: Jul 18 01:21:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	222758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	406107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	364519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	188526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	205047	54.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.500%			
35) Dibromofluoromethane	8.153	113	143186	51.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	10.547	98	519922	52.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.829	95	186581	50.539	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	47266	19.978	ug/l	91
3) Chloromethane	2.383	50	56399	18.956	ug/l	95
4) Vinyl Chloride	2.542	62	54061	18.284	ug/l	100
5) Bromomethane	2.977	94	30897	20.179	ug/l	94
6) Chloroethane	3.136	64	33434	17.339	ug/l	99
7) Trichlorofluoromethane	3.506	101	77528	17.732	ug/l	97
8) Diethyl Ether	3.965	74	30706	18.105	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	41628	18.547	ug/l	99
10) Methyl Iodide	4.583	142	41677	21.648	ug/l	96
11) Tert butyl alcohol	5.524	59	63029	87.822	ug/l	100
12) 1,1-Dichloroethene	4.330	96	42619	16.757	ug/l #	92
13) Acrolein	4.177	56	55463	96.296	ug/l	95
14) Allyl chloride	5.006	41	78094	16.967	ug/l	99
15) Acrylonitrile	5.712	53	168778	86.663	ug/l	99
16) Acetone	4.424	43	155101	87.519	ug/l	95
17) Carbon Disulfide	4.694	76	131135	17.391	ug/l #	93
18) Methyl Acetate	5.018	43	76828	17.255	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	164426	17.540	ug/l	95
20) Methylene Chloride	5.265	84	51885	16.895	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	47514	16.568	ug/l	96
22) Diisopropyl ether	6.659	45	179521	18.594	ug/l	96
23) Vinyl Acetate	6.588	43	741364	87.797	ug/l	100
24) 1,1-Dichloroethane	6.553	63	98472	17.679	ug/l	98
25) 2-Butanone	7.471	43	246970	90.193	ug/l	98
26) 2,2-Dichloropropane	7.471	77	83245	19.222	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	57313	17.359	ug/l	97
28) Bromochloromethane	7.800	49	55399	20.781	ug/l	94
29) Tetrahydrofuran	7.830	42	161507	90.794	ug/l	99
30) Chloroform	7.953	83	99664	17.876	ug/l	95
31) Cyclohexane	8.235	56	81748	17.593	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	85266	17.657	ug/l	99
36) 1,1-Dichloropropene	8.353	75	65312	17.647	ug/l	98
37) Ethyl Acetate	7.553	43	95812	17.925	ug/l #	94
38) Carbon Tetrachloride	8.347	117	71224	17.470	ug/l	97
39) Methylcyclohexane	9.582	83	73143	18.254	ug/l	93
40) Benzene	8.588	78	210849	17.627	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087340.D
 Acq On : 17 Jul 2025 11:31
 Operator : JC\MD
 Sample : VN0717WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 01:21:23 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)
41) Methacrylonitrile	7.765	41	50535	18.081	ug/l	98
42) 1,2-Dichloroethane	8.653	62	80566	17.761	ug/l	98
43) Isopropyl Acetate	8.677	43	148137	17.853	ug/l	99
44) Trichloroethene	9.335	130	47486	16.801	ug/l	92
45) 1,2-Dichloropropane	9.600	63	55408	18.230	ug/l	96
46) Dibromomethane	9.688	93	40384	17.746	ug/l	99
47) Bromodichloromethane	9.871	83	80698	17.605	ug/l	99
48) Methyl methacrylate	9.665	41	68074	18.224	ug/l	100
49) 1,4-Dioxane	9.682	88	22568	394.458	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	477567	91.000	ug/l	99
52) Toluene	10.612	92	132307	18.198	ug/l	98
53) t-1,3-Dichloropropene	10.823	75	82060	17.689	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	86500	18.052	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	52327	17.777	ug/l	89
56) Ethyl methacrylate	10.859	69	79246	16.798	ug/l	98
57) 1,3-Dichloropropane	11.147	76	88983	17.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	230657	95.525	ug/l	99
59) 2-Hexanone	11.176	43	325990	93.626	ug/l	98
60) Dibromochloromethane	11.341	129	58077	17.301	ug/l	99
61) 1,2-Dibromoethane	11.447	107	53746	17.366	ug/l	97
64) Tetrachloroethene	11.082	164	39284	16.745	ug/l	97
65) Chlorobenzene	11.871	112	140727	17.196	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	48993	17.606	ug/l	99
67) Ethyl Benzene	11.947	91	236046	17.521	ug/l	100
68) m/p-Xylenes	12.053	106	184525	36.576	ug/l	98
69) o-Xylene	12.376	106	85914	17.828	ug/l	98
70) Styrene	12.394	104	149243	18.410	ug/l	98
71) Bromoform	12.559	173	39133	17.407	ug/l #	100
73) Isopropylbenzene	12.676	105	220379	18.573	ug/l	99
74) N-amyl acetate	12.512	43	85351m	17.313	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	81864	18.336	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	72178m	17.073	ug/l	
77) Bromobenzene	12.965	156	55349	17.987	ug/l	97
78) n-propylbenzene	13.017	91	277061	18.559	ug/l	99
79) 2-Chlorotoluene	13.106	91	164289	17.906	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	190027	18.797	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	26029	16.847	ug/l	98
82) 4-Chlorotoluene	13.200	91	173262	18.138	ug/l	99
83) tert-Butylbenzene	13.417	119	155478	18.414	ug/l	98
84) 1,2,4-Trimethylbenzene	13.464	105	191826	18.580	ug/l	98
85) sec-Butylbenzene	13.594	105	237370	18.664	ug/l	99
86) p-Isopropyltoluene	13.706	119	198136	19.439	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	107046	17.725	ug/l	98
88) 1,4-Dichlorobenzene	13.794	146	110532	17.136	ug/l	97
89) n-Butylbenzene	14.035	91	183719	18.877	ug/l	100
90) Hexachloroethane	14.312	117	37985	17.589	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	101820	17.796	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	19625	16.742	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	58947	17.539	ug/l	99
94) Hexachlorobutadiene	15.470	225	25097	20.097	ug/l	95
95) Naphthalene	15.611	128	208199	17.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	58719	17.417	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
Data File : VN087340.D
Acq On : 17 Jul 2025 11:31
Operator : JC\MD
Sample : VN0717WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Manual Integrations
APPROVED

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

Quant Time: Jul 18 01:21:23 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)
----------	------	------	----------	------	-------	----------

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

