

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087372.D
 Acq On : 21 Jul 2025 12:30
 Operator : JC\MD
 Sample : VN0721WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 03:05:24 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	190787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	328848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	296338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	158557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	152790	47.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.147	113	114140	50.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.640%		
50) Toluene-d8	10.547	98	409499	50.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.220%		
62) 4-Bromofluorobenzene	12.829	95	149416	49.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	45407	22.408	ug/l	90
3) Chloromethane	2.383	50	47847	18.776	ug/l	91
4) Vinyl Chloride	2.542	62	48142	19.010	ug/l	92
5) Bromomethane	2.983	94	26007	19.831	ug/l	98
6) Chloroethane	3.136	64	30475	18.453	ug/l	100
7) Trichlorofluoromethane	3.512	101	73764	19.698	ug/l	88
8) Diethyl Ether	3.959	74	25592	17.618	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.359	101	37700	19.612	ug/l	98
10) Methyl Iodide	4.577	142	30353	19.251	ug/l	98
11) Tert butyl alcohol	5.518	59	56647	92.156	ug/l	99
12) 1,1-Dichloroethene	4.330	96	38399	17.628	ug/l	93
13) Acrolein	4.177	56	42955	87.077	ug/l	98
14) Allyl chloride	5.018	41	65923	16.722	ug/l	98
15) Acrylonitrile	5.706	53	148783	89.198	ug/l	99
16) Acetone	4.430	43	126421	83.289	ug/l	99
17) Carbon Disulfide	4.700	76	119923	18.569	ug/l	96
18) Methyl Acetate	5.018	43	69706	18.279	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	144862	18.042	ug/l	99
20) Methylene Chloride	5.265	84	46355	17.652	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	43844	17.851	ug/l	86
22) Diisopropyl ether	6.659	45	157443	19.040	ug/l #	95
23) Vinyl Acetate	6.589	43	712495	98.517	ug/l	99
24) 1,1-Dichloroethane	6.547	63	86682	18.170	ug/l	97
25) 2-Butanone	7.471	43	206854	88.202	ug/l	99
26) 2,2-Dichloropropane	7.471	77	75365	20.319	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	52133	18.436	ug/l	96
28) Bromochloromethane	7.800	49	42566	18.643	ug/l	99
29) Tetrahydrofuran	7.830	42	136575	89.644	ug/l	96
30) Chloroform	7.947	83	87803	18.388	ug/l	99
31) Cyclohexane	8.235	56	78716	19.779	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	78287	18.929	ug/l	93
36) 1,1-Dichloropropene	8.353	75	59988	20.016	ug/l	99
37) Ethyl Acetate	7.547	43	77704	17.953	ug/l	98
38) Carbon Tetrachloride	8.347	117	65528	19.849	ug/l	99
39) Methylcyclohexane	9.582	83	67946	20.941	ug/l	96
40) Benzene	8.588	78	185496	19.151	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087372.D
 Acq On : 21 Jul 2025 12:30
 Operator : JC\MD
 Sample : VN0721WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 03:05:24 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	40867	18.057	ug/l	95
42) 1,2-Dichloroethane	8.653	62	69079	18.806	ug/l	99
43) Isopropyl Acetate	8.671	43	127752	19.014	ug/l	99
44) Trichloroethene	9.335	130	43070	18.818	ug/l	96
45) 1,2-Dichloropropane	9.606	63	47601	19.341	ug/l	100
46) Dibromomethane	9.694	93	34895	18.937	ug/l	99
47) Bromodichloromethane	9.865	83	69620	18.757	ug/l	98
48) Methyl methacrylate	9.665	41	57104	18.878	ug/l	99
49) 1,4-Dioxane	9.688	88	16301	351.858	ug/l #	93
51) 4-Methyl-2-Pentanone	10.429	43	399338	93.970	ug/l	99
52) Toluene	10.612	92	114736	19.488	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	70010	18.637	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	75349	19.419	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	46825	19.645	ug/l	88
56) Ethyl methacrylate	10.859	69	69998	18.249	ug/l	95
57) 1,3-Dichloropropane	11.147	76	78181	18.971	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	202470	103.552	ug/l	100
59) 2-Hexanone	11.176	43	264149	93.688	ug/l	99
60) Dibromochloromethane	11.341	129	49899	18.357	ug/l	100
61) 1,2-Dibromoethane	11.447	107	47255	18.856	ug/l	95
64) Tetrachloroethene	11.082	164	36839	19.315	ug/l	95
65) Chlorobenzene	11.871	112	123556	18.571	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	43600	19.273	ug/l	100
67) Ethyl Benzene	11.941	91	204755	18.695	ug/l	100
68) m/p-Xylenes	12.047	106	159328	38.848	ug/l	100
69) o-Xylene	12.382	106	73560	18.777	ug/l	97
70) Styrene	12.394	104	127855	19.400	ug/l	99
71) Bromoform	12.559	173	34274	18.753	ug/l #	96
73) Isopropylbenzene	12.676	105	192540	19.294	ug/l	100
74) N-amyl acetate	12.518	43	83031m	20.026	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	71491	19.039	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	62574m	17.599	ug/l	
77) Bromobenzene	12.959	156	48290	18.659	ug/l	98
78) n-propylbenzene	13.018	91	243308	19.379	ug/l	100
79) 2-Chlorotoluene	13.106	91	143207	18.559	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	162843	19.152	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	22418	17.252	ug/l	98
82) 4-Chlorotoluene	13.206	91	148212	18.449	ug/l	98
83) tert-Butylbenzene	13.418	119	138461	19.498	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	172373	19.852	ug/l	98
85) sec-Butylbenzene	13.594	105	212425	19.859	ug/l	100
86) p-Isopropyltoluene	13.706	119	175039	20.419	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	98015	19.297	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	99611	18.362	ug/l	98
89) n-Butylbenzene	14.035	91	168514	20.587	ug/l	99
90) Hexachloroethane	14.312	117	35162	19.360	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	94601	19.659	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.700	75	16412	16.647	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	52419	18.545	ug/l	99
94) Hexachlorobutadiene	15.476	225	24088	22.935	ug/l	99
95) Naphthalene	15.617	128	172523	17.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	52053	18.358	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087372.D
Acq On : 21 Jul 2025 12:30
Operator : JC\MD
Sample : VN0721WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 03:05:24 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

