

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087341.D
 Acq On : 17 Jul 2025 11:53
 Operator : JC\MD
 Sample : VN0717WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 01:22:25 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	8.212	168	204182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	361838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	332734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	164968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	172666	49.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	8.147	113	125154	50.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.280%		
50) Toluene-d8	10.547	98	461204	51.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.600%		
62) 4-Bromofluorobenzene	12.829	95	164504	50.011	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	50158	23.129	ug/l	89
3) Chloromethane	2.383	50	58048	21.285	ug/l	99
4) Vinyl Chloride	2.542	62	57234	21.118	ug/l	95
5) Bromomethane	2.977	94	31518	22.457	ug/l	99
6) Chloroethane	3.136	64	34954	19.776	ug/l	96
7) Trichlorofluoromethane	3.506	101	81144	20.248	ug/l	99
8) Diethyl Ether	3.959	74	30735	19.771	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	43755	21.269	ug/l	99
10) Methyl Iodide	4.571	142	41766	23.143	ug/l	92
11) Tert butyl alcohol	5.524	59	66826	101.584	ug/l #	88
12) 1,1-Dichloroethene	4.330	96	44928	19.272	ug/l	90
13) Acrolein	4.177	56	55273	104.697	ug/l	99
14) Allyl chloride	5.006	41	79692	18.889	ug/l	98
15) Acrylonitrile	5.712	53	173219	97.035	ug/l	100
16) Acetone	4.424	43	155229	95.560	ug/l	99
17) Carbon Disulfide	4.700	76	134068	19.398	ug/l	95
18) Methyl Acetate	5.024	43	77907	19.089	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	167803	19.528	ug/l	96
20) Methylene Chloride	5.259	84	54165	19.332	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	48313	18.380	ug/l	85
22) Diisopropyl ether	6.665	45	180537	20.400	ug/l	98
23) Vinyl Acetate	6.589	43	831679	107.453	ug/l	99
24) 1,1-Dichloroethane	6.553	63	95870	18.777	ug/l	99
25) 2-Butanone	7.477	43	251031	100.017	ug/l	95
26) 2,2-Dichloropropane	7.471	77	81509	20.534	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	57647	19.049	ug/l	97
28) Bromochloromethane	7.800	49	53437	21.869	ug/l	98
29) Tetrahydrofuran	7.830	42	161172	98.849	ug/l	99
30) Chloroform	7.953	83	101067	19.777	ug/l	94
31) Cyclohexane	8.241	56	85069	19.973	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	85928	19.413	ug/l	99
36) 1,1-Dichloropropene	8.359	75	65758	19.941	ug/l	99
37) Ethyl Acetate	7.547	43	95707	20.096	ug/l	98
38) Carbon Tetrachloride	8.347	117	72547	19.971	ug/l	97
39) Methylcyclohexane	9.582	83	76267	21.363	ug/l	88
40) Benzene	8.588	78	216376	20.302	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	50627	20.330	ug/l	99
42) 1,2-Dichloroethane	8.659	62	79695	19.718	ug/l	100
43) Isopropyl Acetate	8.677	43	145328	19.657	ug/l	99
44) Trichloroethene	9.335	130	49200	19.537	ug/l	91
45) 1,2-Dichloropropane	9.600	63	55963	20.665	ug/l	98
46) Dibromomethane	9.694	93	40341	19.896	ug/l	96
47) Bromodichloromethane	9.871	83	77846	19.061	ug/l	96
48) Methyl methacrylate	9.665	41	69482	20.876	ug/l	98
49) 1,4-Dioxane	9.682	88	23245	455.999	ug/l #	98
51) 4-Methyl-2-Pentanone	10.429	43	483265	103.352	ug/l	98
52) Toluene	10.612	92	128457	19.830	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	81352	19.682	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	84222	19.727	ug/l	92
55) 1,1,2-Trichloroethane	10.994	97	51046	19.464	ug/l	93
56) Ethyl methacrylate	10.859	69	82011	19.376	ug/l	99
57) 1,3-Dichloropropane	11.147	76	89787	19.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	233872	108.707	ug/l	100
59) 2-Hexanone	11.182	43	329312	106.151	ug/l	99
60) Dibromochloromethane	11.335	129	59740	19.973	ug/l	99
61) 1,2-Dibromoethane	11.447	107	53712	19.478	ug/l	96
64) Tetrachloroethene	11.088	164	41741	19.492	ug/l	96
65) Chlorobenzene	11.871	112	143869	19.259	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	49223	19.378	ug/l	99
67) Ethyl Benzene	11.941	91	242752	19.740	ug/l	98
68) m/p-Xylenes	12.053	106	186539	40.508	ug/l	98
69) o-Xylene	12.376	106	87812	19.963	ug/l	100
70) Styrene	12.388	104	148473	20.064	ug/l	99
71) Bromoform	12.559	173	39372	19.186	ug/l #	98
73) Isopropylbenzene	12.676	105	225453	21.714	ug/l	100
74) N-amyl acetate	12.506	43	90290m	20.931	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	82085	21.011	ug/l	100
76) 1,2,3-Trichloropropane	12.976	75	70631m	19.093	ug/l	
77) Bromobenzene	12.959	156	56294	20.906	ug/l	99
78) n-propylbenzene	13.012	91	284750	21.798	ug/l	99
79) 2-Chlorotoluene	13.106	91	168114	20.940	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	194631	22.001	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	27331m	20.215	ug/l	
82) 4-Chlorotoluene	13.200	91	175550	21.002	ug/l	99
83) tert-Butylbenzene	13.418	119	160554	21.730	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	195022	21.587	ug/l	99
85) sec-Butylbenzene	13.594	105	243692	21.897	ug/l	99
86) p-Isopropyltoluene	13.706	119	205061	22.992	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	107150	20.275	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	110825	19.635	ug/l	98
89) n-Butylbenzene	14.035	91	191049	22.433	ug/l	99
90) Hexachloroethane	14.312	117	40206	21.277	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	102036	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	19586	19.095	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	61318	20.850	ug/l	98
94) Hexachlorobutadiene	15.476	225	27400	25.074	ug/l	98
95) Naphthalene	15.617	128	213437	20.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	60042	20.353	ug/l	97

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

