

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087051.D
 Acq On : 17 Jun 2025 11:59
 Operator : JC\MD
 Sample : VN0617WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 01:44:45 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	157438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	102637	48.691	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.380%		
35) Dibromofluoromethane	8.177	113	87035	52.156	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.320%		
50) Toluene-d8	10.565	98	330063	49.963	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.920%		
62) 4-Bromofluorobenzene	12.847	95	127024	51.754	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	31857	20.294	ug/l	99
3) Chloromethane	2.401	50	35820	17.671	ug/l	96
4) Vinyl Chloride	2.554	62	44895	21.470	ug/l	99
5) Bromomethane	3.001	94	23461	20.050	ug/l	89
6) Chloroethane	3.159	64	29185	21.608	ug/l	99
7) Trichlorofluoromethane	3.530	101	57670	21.109	ug/l	96
8) Diethyl Ether	3.989	74	25284	21.241	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.400	101	35697	20.797	ug/l	98
10) Methyl Iodide	4.612	142	21949	9.865	ug/l	97
11) Tert butyl alcohol	5.536	59	51022	89.205	ug/l	98
12) 1,1-Dichloroethene	4.371	96	38036	21.706	ug/l	90
13) Acrolein	4.200	56	28602	157.981	ug/l	100
14) Allyl chloride	5.053	41	53962	18.568	ug/l	96
15) Acrylonitrile	5.736	53	127531	95.394	ug/l	99
16) Acetone	4.448	43	99313	88.843	ug/l	100
17) Carbon Disulfide	4.742	76	107330	22.143	ug/l	97
18) Methyl Acetate	5.047	43	52657	16.164	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	125530	19.785	ug/l	97
20) Methylene Chloride	5.300	84	41757	19.953	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	40883	20.970	ug/l	93
22) Diisopropyl ether	6.683	45	117172	19.127	ug/l	98
23) Vinyl Acetate	6.618	43	515374	99.575	ug/l	98
24) 1,1-Dichloroethane	6.589	63	72122	20.458	ug/l	98
25) 2-Butanone	7.494	43	160313	88.228	ug/l	99
26) 2,2-Dichloropropane	7.500	77	61973	22.599	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	48236	20.688	ug/l	98
28) Bromochloromethane	7.824	49	30593	17.650	ug/l	89
29) Tetrahydrofuran	7.847	42	108501	91.665	ug/l	94
30) Chloroform	7.971	83	70607	20.055	ug/l	99
31) Cyclohexane	8.265	56	63824	18.668	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	60917	20.344	ug/l	93
36) 1,1-Dichloropropene	8.383	75	52690	21.189	ug/l	98
37) Ethyl Acetate	7.571	43	64952	20.519	ug/l	99
38) Carbon Tetrachloride	8.371	117	50957	20.873	ug/l	95
39) Methylcyclohexane	9.600	83	58485	17.167	ug/l	97
40) Benzene	8.612	78	169691	20.869	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33778	19.000	ug/l	95
42) 1,2-Dichloroethane	8.677	62	51707	20.965	ug/l	100
43) Isopropyl Acetate	8.694	43	94051	18.512	ug/l	96
44) Trichloroethene	9.353	130	41200	21.368	ug/l	98
45) 1,2-Dichloropropane	9.624	63	41010	20.731	ug/l	99
46) Dibromomethane	9.712	93	28519	21.704	ug/l	95
47) Bromodichloromethane	9.888	83	56790	21.006	ug/l	98
48) Methyl methacrylate	9.682	41	44182	18.894	ug/l	97
49) 1,4-Dioxane	9.706	88	16851	396.113	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	284888	93.145	ug/l	97
52) Toluene	10.629	92	106583	21.448	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63945	21.153	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	67853	20.978	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	40974	21.429	ug/l	97
56) Ethyl methacrylate	10.882	69	61756	20.278	ug/l	93
57) 1,3-Dichloropropane	11.165	76	70252	21.180	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	167427	92.171	ug/l	98
59) 2-Hexanone	11.206	43	168311	85.432	ug/l	93
60) Dibromochloromethane	11.359	129	42009	21.087	ug/l	99
61) 1,2-Dibromoethane	11.471	107	41422	21.135	ug/l	97
64) Tetrachloroethene	11.106	164	32201	20.459	ug/l	95
65) Chlorobenzene	11.888	112	117016	21.333	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38683	21.939	ug/l	98
67) Ethyl Benzene	11.965	91	191185	20.235	ug/l	99
68) m/p-Xylenes	12.071	106	153323	42.393	ug/l	98
69) o-Xylene	12.400	106	74694	21.564	ug/l	97
70) Styrene	12.412	104	129584	21.862	ug/l	98
71) Bromoform	12.576	173	28209	21.592	ug/l #	95
73) Isopropylbenzene	12.694	105	183037	20.505	ug/l	99
74) N-amyl acetate	12.547	43	57325m	18.378	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	64970	21.484	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	54364m	18.665	ug/l	
77) Bromobenzene	12.982	156	45556	22.254	ug/l	95
78) n-propylbenzene	13.035	91	211448	19.492	ug/l	96
79) 2-Chlorotoluene	13.123	91	130050	19.991	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	146312	19.853	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22976	18.159	ug/l #	91
82) 4-Chlorotoluene	13.218	91	130303	19.795	ug/l	96
83) tert-Butylbenzene	13.435	119	124546	18.462	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150274	20.334	ug/l	100
85) sec-Butylbenzene	13.612	105	175237	17.887	ug/l	97
86) p-Isopropyltoluene	13.729	119	152581	18.841	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	85450	21.216	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	85795	20.893	ug/l	98
89) n-Butylbenzene	14.053	91	126981	16.188	ug/l	95
90) Hexachloroethane	14.335	117	24929	18.160	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	83067	21.467	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14110	19.510	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	44436	17.983	ug/l	95
94) Hexachlorobutadiene	15.500	225	12332	13.396	ug/l	96
95) Naphthalene	15.635	128	237029	25.772	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.835	180	42260	17.214	ug/l	96

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

