

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087052.D
 Acq On : 17 Jun 2025 12:35
 Operator : JC\MD
 Sample : VN0617WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 01:45:42 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	171983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	107906	46.861	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.720%		
35) Dibromofluoromethane	8.177	113	93908	52.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.440%		
50) Toluene-d8	10.571	98	350871	49.287	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.580%		
62) 4-Bromofluorobenzene	12.847	95	133701	50.551	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	32852	19.158	ug/l	99
3) Chloromethane	2.395	50	34315	15.497	ug/l	99
4) Vinyl Chloride	2.553	62	44502	19.483	ug/l	95
5) Bromomethane	3.000	94	24187	18.922	ug/l	95
6) Chloroethane	3.159	64	29394	19.922	ug/l	98
7) Trichlorofluoromethane	3.530	101	58727	19.678	ug/l	100
8) Diethyl Ether	3.989	74	27627	21.247	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.406	101	37050	19.760	ug/l	97
10) Methyl Iodide	4.618	142	24828	10.215	ug/l	96
11) Tert butyl alcohol	5.530	59	53970	86.379	ug/l	99
12) 1,1-Dichloroethene	4.371	96	39568	20.671	ug/l	86
13) Acrolein	4.206	56	30310	153.257	ug/l	99
14) Allyl chloride	5.053	41	52359	16.493	ug/l	95
15) Acrylonitrile	5.736	53	134869	92.351	ug/l	100
16) Acetone	4.447	43	98290	80.492	ug/l	95
17) Carbon Disulfide	4.742	76	110387	20.848	ug/l	97
18) Methyl Acetate	5.047	43	53013	14.897	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	136458	19.688	ug/l	97
20) Methylene Chloride	5.300	84	44917	19.647	ug/l	88
21) trans-1,2-Dichloroethene	5.812	96	43284	20.324	ug/l	91
22) Diisopropyl ether	6.688	45	121681	18.183	ug/l #	96
23) Vinyl Acetate	6.618	43	533977	94.444	ug/l	97
24) 1,1-Dichloroethane	6.588	63	73294	19.032	ug/l	100
25) 2-Butanone	7.494	43	166367	83.817	ug/l	93
26) 2,2-Dichloropropane	7.500	77	62886	20.993	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	51264	20.127	ug/l	95
28) Bromochloromethane	7.824	49	32878	17.364	ug/l	89
29) Tetrahydrofuran	7.847	42	110194	85.222	ug/l	91
30) Chloroform	7.977	83	74260	19.309	ug/l	99
31) Cyclohexane	8.265	56	65250	17.471	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	62815	19.204	ug/l	99
36) 1,1-Dichloropropene	8.382	75	55184	20.594	ug/l	99
37) Ethyl Acetate	7.571	43	62702m	18.381	ug/l	
38) Carbon Tetrachloride	8.371	117	52548	19.974	ug/l	98
39) Methylcyclohexane	9.606	83	60644	16.519	ug/l	96
40) Benzene	8.612	78	178683	20.392	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33206	17.333	ug/l	92
42) 1,2-Dichloroethane	8.677	62	53416	20.098	ug/l	98
43) Isopropyl Acetate	8.694	43	98853	18.055	ug/l	95
44) Trichloroethene	9.359	130	44074	21.212	ug/l	98
45) 1,2-Dichloropropane	9.624	63	42620	19.993	ug/l	92
46) Dibromomethane	9.712	93	30004	21.190	ug/l	96
47) Bromodichloromethane	9.888	83	60069	20.619	ug/l	98
48) Methyl methacrylate	9.682	41	43909	17.425	ug/l	92
49) 1,4-Dioxane	9.700	88	17810	388.500	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	303487	92.078	ug/l	97
52) Toluene	10.629	92	111495	20.821	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	67454	20.706	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	73512	21.090	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	43421	21.073	ug/l	98
56) Ethyl methacrylate	10.882	69	68003	20.721	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	72899	20.395	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	178821	91.353	ug/l	96
59) 2-Hexanone	11.206	43	175135	82.492	ug/l	88
60) Dibromochloromethane	11.359	129	46880	21.837	ug/l	100
61) 1,2-Dibromoethane	11.470	107	45506	21.547	ug/l	99
64) Tetrachloroethene	11.106	164	35206	21.188	ug/l	92
65) Chlorobenzene	11.894	112	124039	21.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	40384	21.695	ug/l	98
67) Ethyl Benzene	11.965	91	203154	20.367	ug/l	98
68) m/p-Xylenes	12.070	106	163156	42.731	ug/l	96
69) o-Xylene	12.394	106	79158	21.646	ug/l	95
70) Styrene	12.412	104	133343	21.309	ug/l	99
71) Bromoform	12.582	173	30707	22.264	ug/l #	96
73) Isopropylbenzene	12.694	105	187504	19.831	ug/l	99
74) N-amyl acetate	12.547	43	56686m	17.156	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	68144	21.274	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	57000m	18.476	ug/l	
77) Bromobenzene	12.982	156	47832	22.059	ug/l	95
78) n-propylbenzene	13.035	91	216960	18.881	ug/l	98
79) 2-Chlorotoluene	13.123	91	138007	20.027	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	149431	19.142	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	24159	18.026	ug/l	97
82) 4-Chlorotoluene	13.217	91	140095	20.092	ug/l	99
83) tert-Butylbenzene	13.435	119	130042	18.198	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	152004	19.418	ug/l	97
85) sec-Butylbenzene	13.612	105	176580	17.016	ug/l	100
86) p-Isopropyltoluene	13.729	119	150247	17.515	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	88414	20.724	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	90913	20.901	ug/l	99
89) n-Butylbenzene	14.053	91	131374	15.811	ug/l	99
90) Hexachloroethane	14.329	117	25503	17.539	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	84520	20.621	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14366	18.753	ug/l	86
93) 1,2,4-Trichlorobenzene	15.388	180	44937	17.169	ug/l	96
94) Hexachlorobutadiene	15.500	225	13638	13.986	ug/l	97
95) Naphthalene	15.635	128	203721	20.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	42367	16.292	ug/l	94

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

