

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080725\
 Data File : VR026726.D
 Acq On : 7 Aug 2025 14:26
 Operator : SY/MD
 Sample : VR0807WBS01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025
 Supervised By :Semsettin Yesilyurt 08/08/2025

Quant Time: Aug 08 01:40:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.295	168	381821	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.322	114	649364	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.527	117	535177	50.000	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.735	152	262383	50.000	ug/l	-0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	227382	47.052	ug/l	-0.02
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.100%		
34) Dibromofluoromethane	7.192	113	201566	50.186	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.380%		
49) Toluene-d8	10.029	98	805306	55.966	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.940%		
61) 4-Bromofluorobenzene	12.667	95	221901	54.219	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.657	85	45413	16.319	ug/l	85
3) Chloromethane	1.840	50	75771	18.318	ug/l	100
4) Vinyl Chloride	1.955	62	85519	20.231	ug/l	97
5) Bromomethane	2.299	94	49432	23.999	ug/l	95
6) Chloroethane	2.427	64	55899	20.538	ug/l	99
7) Trichlorofluoromethane	2.709	101	193417	25.386	ug/l	100
8) Diethyl Ether	3.066	74	56159	16.613	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.374	101	72293	17.589	ug/l #	91
10) Methyl Iodide	3.541	142	63750	16.071	ug/l	96
11) Tert butyl alcohol	4.320	59	54582	72.189	ug/l #	74
12) 1,1-Dichloroethene	3.358	96	66563	16.388	ug/l	95
13) Acrolein	3.239	56	108437	98.110	ug/l	100
14) Allyl chloride	3.877	41	124496	15.580	ug/l	90
15) Acrylonitrile	4.474	53	286683	95.518	ug/l	97
16) Acetone	3.438	43	249424	109.969	ug/l	92
17) Carbon Disulfide	3.640	76	77775	12.936	ug/l #	92
18) Methyl Acetate	3.890	43	197713	20.886	ug/l	98
19) Methyl tert-butyl Ether	4.545	73	259353	15.956	ug/l	100
20) Methylene Chloride	4.086	84	92511	17.187	ug/l	95
21) trans-1,2-Dichloroethene	4.526	96	71524	16.019	ug/l	90
22) Diisopropyl ether	5.456	45	331494	17.703	ug/l #	94
23) Vinyl Acetate	5.386	43	1009669	94.570	ug/l	93
24) 1,1-Dichloroethane	5.331	63	160531	16.929	ug/l	97
25) 2-Butanone	6.364	43	372260	106.039	ug/l	91
26) 2,2-Dichloropropane	6.355	77	90541m	13.812	ug/l	
27) cis-1,2-Dichloroethene	6.351	96	99486	17.319	ug/l	99
28) Bromochloromethane	6.737	49	61379	17.963	ug/l	96
29) Chloroform	6.952	83	149965	18.257	ug/l	94
30) Cyclohexane	7.276	56	125126	16.340	ug/l	96
31) 1,1,1-Trichloroethane	7.173	97	102886	17.340	ug/l	93
35) 1,1-Dichloropropene	7.420	75	97145	19.173	ug/l	98
36) Ethyl Acetate	6.477	43	124001	20.442	ug/l #	69
37) Carbon Tetrachloride	7.404	117	75271	18.241	ug/l	96
38) Methylcyclohexane	8.880	83	108886	18.774	ug/l	93
39) Benzene	7.702	78	352940	19.343	ug/l	91
40) Methacrylonitrile	6.714	41	77521	20.564	ug/l #	73

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.792	62	91184	19.647	ug/l	88
42) Isopropyl Acetate	7.866	43	185948	19.065	ug/l #	81
43) Trichloroethene	8.595	130	73410	20.920	ug/l	89
44) 1,2-Dichloropropane	8.912	63	82556	19.119	ug/l	93
45) Dibromomethane	9.015	93	48276	20.103	ug/l	95
46) Bromodichloromethane	9.243	83	93424	20.079	ug/l #	95
47) Methyl methacrylate	9.031	41	86009	20.148	ug/l	94
48) 1,4-Dioxane	9.021	88	32773	476.604	ug/l #	82
50) 4-Methyl-2-Pentanone	9.910	43	625854	122.907	ug/l	95
51) Toluene	10.100	92	199050	21.370	ug/l	99
52) t-1,3-Dichloropropene	10.363	75	81793	17.935	ug/l	99
53) cis-1,3-Dichloropropene	9.740	75	108211	19.782	ug/l	96
54) 1,1,2-Trichloroethane	10.568	97	78183	22.983	ug/l	91
55) Ethyl methacrylate	10.424	69	118858	21.158	ug/l	95
56) 1,3-Dichloropropane	10.725	76	122812	21.196	ug/l	95
57) 2-Chloroethyl Vinyl ether	9.583	63	44322	142.769	ug/l	100
58) 2-Hexanone	10.789	43	409566	119.310	ug/l	99
59) Dibromochloromethane	10.953	129	60511	21.019	ug/l	99
60) 1,2-Dibromoethane	11.069	107	64866	22.156	ug/l	95
63) Tetrachloroethene	10.655	164	54495	18.640	ug/l #	79
64) Chlorobenzene	11.556	112	221082	19.849	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.643	131	58694	19.294	ug/l	96
66) Ethyl Benzene	11.656	91	363893	19.567	ug/l	93
67) m/p-Xylenes	11.778	106	298721	40.205	ug/l	96
68) o-Xylene	12.150	106	141168	19.573	ug/l	99
69) Styrene	12.169	104	237559	19.710	ug/l	98
70) Bromoform	12.346	173	34266	19.902	ug/l #	96
72) Isopropylbenzene	12.497	105	354905	18.978	ug/l	99
73) N-amyl acetate	12.298	43	128069	17.272	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.779	83	107429	19.579	ug/l	98
75) 1,2,3-Trichloropropane	12.830	75	88459m	20.339	ug/l	
76) Bromobenzene	12.801	156	84320	19.483	ug/l	93
77) n-propylbenzene	12.885	91	423412	18.977	ug/l	100
78) 2-Chlorotoluene	12.978	91	231783	18.310	ug/l	95
79) 1,3,5-Trimethylbenzene	13.045	105	273185	18.680	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.551	75	20776	13.913	ug/l #	67
81) 4-Chlorotoluene	13.090	91	230802	17.848	ug/l	93
82) tert-Butylbenzene	13.341	119	261938	19.692	ug/l	95
83) 1,2,4-Trimethylbenzene	13.389	105	278304	19.225	ug/l	100
84) sec-Butylbenzene	13.543	105	379880	19.257	ug/l	99
85) p-Isopropyltoluene	13.674	119	310018	19.275	ug/l	98
86) 1,3-Dichlorobenzene	13.668	146	169045	19.923	ug/l	99
87) 1,4-Dichlorobenzene	13.754	146	173642	20.389	ug/l	99
88) n-Butylbenzene	14.043	91	281711	19.003	ug/l	98
89) Hexachloroethane	14.348	117	37452	16.215	ug/l	85
90) 1,2-Dichlorobenzene	14.085	146	162762	20.424	ug/l	96
91) 1,2-Dibromo-3-Chloropr...	14.788	75	13769	18.845	ug/l	96
92) 1,2,4-Trichlorobenzene	15.545	180	98593	20.690	ug/l	96
93) Hexachlorobutadiene	15.670	225	30967	20.001	ug/l	82
94) Naphthalene	15.827	128	277998	19.038	ug/l #	78
95) 1,2,3-Trichlorobenzene	16.058	180	92765	20.506	ug/l	99

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

