

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026739.D
 Acq On : 11 Aug 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 02:49:24 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	7.304	168	363751	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.335	114	623791	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.540	117	512359	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	260796	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.693	65	205044	44.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.080%
34) Dibromofluoromethane	7.205	113	174978	45.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
49) Toluene-d8	10.038	98	719328	52.040	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
61) 4-Bromofluorobenzene	12.679	95	206697	52.575	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.663	85	92499	34.891	ug/l	98
3) Chloromethane	1.846	50	155642	39.495	ug/l	97
4) Vinyl Chloride	1.962	62	194039	48.184	ug/l	100
5) Bromomethane	2.299	94	107984	55.030	ug/l	99
6) Chloroethane	2.424	64	130384	50.285	ug/l	100
7) Trichlorofluoromethane	2.713	101	469948	64.746	ug/l	98
8) Diethyl Ether	3.082	74	128216	39.813	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.383	101	160684	41.037	ug/l	97
10) Methyl Iodide	3.550	142	149537	39.571	ug/l	97
11) Tert butyl alcohol	4.330	59	149890	208.090	ug/l	96
12) 1,1-Dichloroethene	3.358	96	151775	39.225	ug/l	98
13) Acrolein	3.248	56	154236	146.480	ug/l	97
14) Allyl chloride	3.890	41	291403	38.280	ug/l	93
15) Acrylonitrile	4.484	53	707387	247.397	ug/l	96
16) Acetone	3.444	43	589698	272.909	ug/l	91
17) Carbon Disulfide	3.646	76	187430	32.723	ug/l	99
18) Methyl Acetate	3.900	43	504307	55.919	ug/l	96
19) Methyl tert-butyl Ether	4.558	73	615383	39.740	ug/l	97
20) Methylene Chloride	4.086	84	207570	40.479	ug/l	96
21) trans-1,2-Dichloroethene	4.542	96	171605	40.343	ug/l	87
22) Diisopropyl ether	5.466	45	776562	43.533	ug/l #	93
23) Vinyl Acetate	5.395	43	2411531	237.095	ug/l #	93
24) 1,1-Dichloroethane	5.341	63	358659	39.702	ug/l	97
25) 2-Butanone	6.377	43	949287	283.839	ug/l	92
26) 2,2-Dichloropropane	6.355	77	227785m	36.475	ug/l	
27) cis-1,2-Dichloroethene	6.355	96	234180	42.792	ug/l	97
28) Bromochloromethane	6.746	49	138189	42.451	ug/l	100
29) Chloroform	6.958	83	348045	44.477	ug/l	98
30) Cyclohexane	7.279	56	272543	37.358	ug/l	98
31) 1,1,1-Trichloroethane	7.183	97	243590	43.093	ug/l	96
35) 1,1-Dichloropropene	7.436	75	223631	45.946	ug/l	98
36) Ethyl Acetate	6.489	43	291489	50.024	ug/l #	88
37) Carbon Tetrachloride	7.410	117	186890	47.146	ug/l	92
38) Methylcyclohexane	8.890	83	253767	45.548	ug/l	98
39) Benzene	7.709	78	826411	47.148	ug/l	98
40) Methacrylonitrile	6.724	41	192258	53.092	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.799	62	214100	48.023	ug/l	99
42) Isopropyl Acetate	7.872	43	470363	50.202	ug/l #	92
43) Trichloroethene	8.607	130	166822	49.490	ug/l	82
44) 1,2-Dichloropropane	8.922	63	197029	47.501	ug/l	99
45) Dibromomethane	9.024	93	119802	51.934	ug/l	94
46) Bromodichloromethane	9.249	83	236437	52.899	ug/l #	97
47) Methyl methacrylate	9.037	41	233433	56.925	ug/l	97
48) 1,4-Dioxane	9.031	88	83337	1261.621	ug/l	93
50) 4-Methyl-2-Pentanone	9.923	43	1623181	331.833	ug/l	96
51) Toluene	10.109	92	474208	52.997	ug/l	100
52) t-1,3-Dichloropropene	10.369	75	217162	49.571	ug/l	97
53) cis-1,3-Dichloropropene	9.750	75	268248	51.049	ug/l #	95
54) 1,1,2-Trichloroethane	10.571	97	187013	57.230	ug/l	92
55) Ethyl methacrylate	10.436	69	309087	57.276	ug/l	97
56) 1,3-Dichloropropane	10.735	76	310958	55.867	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.596	63	131705	441.637	ug/l	98
58) 2-Hexanone	10.802	43	1142159	346.360	ug/l	98
59) Dibromochloromethane	10.956	129	172562	62.398	ug/l	97
60) 1,2-Dibromoethane	11.078	107	163546	58.151	ug/l	100
63) Tetrachloroethene	10.655	164	135257	48.324	ug/l	95
64) Chlorobenzene	11.572	112	523928	49.135	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.659	131	152445	52.343	ug/l	96
66) Ethyl Benzene	11.662	91	873129	49.040	ug/l	98
67) m/p-Xylenes	11.791	106	705029	99.115	ug/l	100
68) o-Xylene	12.163	106	348672	50.496	ug/l	97
69) Styrene	12.179	104	602637	52.227	ug/l	98
70) Bromoform	12.359	173	101106	61.340	ug/l #	97
72) Isopropylbenzene	12.509	105	845598	45.491	ug/l	98
73) N-amyl acetate	12.304	43	357549	48.513	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.792	83	283863	52.049	ug/l	98
75) 1,2,3-Trichloropropane	12.849	75	202097m	46.750	ug/l	
76) Bromobenzene	12.817	156	199623	46.405	ug/l	95
77) n-propylbenzene	12.894	91	1023728	46.162	ug/l	98
78) 2-Chlorotoluene	12.991	91	565825	44.970	ug/l	98
79) 1,3,5-Trimethylbenzene	13.055	105	667229	45.903	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.561	75	73771	49.702	ug/l	94
81) 4-Chlorotoluene	13.103	91	566354	44.062	ug/l	98
82) tert-Butylbenzene	13.353	119	621777	47.028	ug/l	96
83) 1,2,4-Trimethylbenzene	13.401	105	675516	46.948	ug/l	98
84) sec-Butylbenzene	13.555	105	945004	48.196	ug/l	100
85) p-Isopropyltoluene	13.687	119	793883	49.658	ug/l	99
86) 1,3-Dichlorobenzene	13.681	146	411701	48.817	ug/l	98
87) 1,4-Dichlorobenzene	13.767	146	409745	48.406	ug/l	96
88) n-Butylbenzene	14.053	91	691625	46.938	ug/l	99
89) Hexachloroethane	14.354	117	106105	46.219	ug/l	91
90) 1,2-Dichlorobenzene	14.098	146	387204	48.884	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.797	75	37444	51.559	ug/l	90
92) 1,2,4-Trichlorobenzene	15.561	180	228637	48.273	ug/l	99
93) Hexachlorobutadiene	15.693	225	76130m	49.471	ug/l	
94) Naphthalene	15.843	128	730441	50.326	ug/l	99
95) 1,2,3-Trichlorobenzene	16.062	180	231848	51.561	ug/l	98

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

