

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026712.D
 Acq On : 5 Aug 2025 14:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 01:25:35 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	437897	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.325	114	793248	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.534	117	625802	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.738	152	301259	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.686	65	297854	53.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.480%			
34) Dibromofluoromethane	7.192	113	252883	51.542	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
49) Toluene-d8	10.032	98	1007544	57.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.640%#			
61) 4-Bromofluorobenzene	12.666	95	283870	56.779	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.660	85	140630	44.064	ug/l	96
3) Chloromethane	1.840	50	239400	50.463	ug/l	94
4) Vinyl Chloride	1.955	62	269774	55.648	ug/l	99
5) Bromomethane	2.292	94	121747	51.538	ug/l	91
6) Chloroethane	2.420	64	166817	53.443	ug/l	97
7) Trichlorofluoromethane	2.709	101	538188	61.593	ug/l	95
8) Diethyl Ether	3.075	74	185507	47.849	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.380	101	211213	44.808	ug/l	98
10) Methyl Iodide	3.547	142	201314	44.252	ug/l	100
11) Tert butyl alcohol	4.326	59	233090	268.803	ug/l #	91
12) 1,1-Dichloroethene	3.351	96	210017	45.086	ug/l	96
13) Acrolein	3.242	56	301606	237.938	ug/l	94
14) Allyl chloride	3.884	41	488927	53.352	ug/l #	91
15) Acrylonitrile	4.477	53	977642	284.020	ug/l	96
16) Acetone	3.438	43	756044	290.648	ug/l	93
17) Carbon Disulfide	3.640	76	264351	38.338	ug/l	100
18) Methyl Acetate	3.896	43	656521	60.471	ug/l	98
19) Methyl tert-butyl Ether	4.551	73	903732	48.480	ug/l	94
20) Methylene Chloride	4.083	84	286513	46.413	ug/l	91
21) trans-1,2-Dichloroethene	4.529	96	235200	45.931	ug/l	94
22) Diisopropyl ether	5.462	45	1135599	52.881	ug/l #	96
23) Vinyl Acetate	5.385	43	3525808	287.953	ug/l #	92
24) 1,1-Dichloroethane	5.328	63	514695	47.328	ug/l	98
25) 2-Butanone	6.367	43	1255737	311.893	ug/l	91
26) 2,2-Dichloropropane	6.345	77	336721	44.789	ug/l	100
27) cis-1,2-Dichloroethene	6.345	96	310337	47.106	ug/l	96
28) Bromochloromethane	6.746	49	197892	50.498	ug/l #	19
29) Chloroform	6.951	83	472128	50.118	ug/l	95
30) Cyclohexane	7.272	56	405464	46.167	ug/l	92
31) 1,1,1-Trichloroethane	7.176	97	335399	49.288	ug/l	97
35) 1,1-Dichloropropene	7.429	75	302334	48.846	ug/l	99
36) Ethyl Acetate	6.480	43	429321	57.938	ug/l	96
37) Carbon Tetrachloride	7.410	117	245413	48.684	ug/l	96
38) Methylcyclohexane	8.880	83	342444	48.334	ug/l	94
39) Benzene	7.702	78	1113869	49.973	ug/l	96
40) Methacrylonitrile	6.720	41	271438	58.944	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.792	62	296558	52.309	ug/l	100
42) Isopropyl Acetate	7.869	43	679137	57.000	ug/l	97
43) Trichloroethene	8.604	130	215365	50.242	ug/l	97
44) 1,2-Dichloropropane	8.918	63	268155	50.838	ug/l	98
45) Dibromomethane	9.015	93	153402	52.294	ug/l	97
46) Bromodichloromethane	9.239	83	294574	51.827	ug/l	94
47) Methyl methacrylate	9.028	41	299748	57.481	ug/l	98
48) 1,4-Dioxane	9.024	88	102845	1224.346	ug/l	96
50) 4-Methyl-2-Pentanone	9.916	43	2091815	336.284	ug/l	97
51) Toluene	10.102	92	622245	54.686	ug/l	100
52) t-1,3-Dichloropropene	10.362	75	302759	54.346	ug/l	100
53) cis-1,3-Dichloropropene	9.743	75	357466	53.496	ug/l	95
54) 1,1,2-Trichloroethane	10.561	97	237720	57.207	ug/l	99
55) Ethyl methacrylate	10.430	69	408528	59.531	ug/l	98
56) 1,3-Dichloropropane	10.731	76	407215	57.532	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.586	63	187868	495.389	ug/l	99
58) 2-Hexanone	10.792	43	1410512	336.363	ug/l	100
59) Dibromochloromethane	10.946	129	194450	55.292	ug/l	100
60) 1,2-Dibromoethane	11.068	107	209195	58.492	ug/l	98
63) Tetrachloroethene	10.648	164	173390	50.719	ug/l	95
64) Chlorobenzene	11.563	112	659032	50.601	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.652	131	186859	52.529	ug/l	98
66) Ethyl Benzene	11.656	91	1114974	51.271	ug/l	98
67) m/p-Xylenes	11.784	106	907567	104.460	ug/l	100
68) o-Xylene	12.156	106	439818	52.149	ug/l	100
69) Styrene	12.169	104	758613	53.827	ug/l	99
70) Bromoform	12.355	173	110814	55.042	ug/l #	96
72) Isopropylbenzene	12.500	105	1079619	50.280	ug/l	99
73) N-amyl acetate	12.297	43	456029	53.564	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.782	83	343767	54.567	ug/l	98
75) 1,2,3-Trichloropropane	12.840	75	255527m	51.170	ug/l	
76) Bromobenzene	12.808	156	246477	49.602	ug/l	97
77) n-propylbenzene	12.888	91	1289661	50.342	ug/l	99
78) 2-Chlorotoluene	12.981	91	710861	48.909	ug/l	97
79) 1,3,5-Trimethylbenzene	13.045	105	838398	49.931	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.548	75	91019	53.087	ug/l	89
81) 4-Chlorotoluene	13.093	91	705896	47.542	ug/l	97
82) tert-Butylbenzene	13.343	119	780243	51.088	ug/l	97
83) 1,2,4-Trimethylbenzene	13.395	105	844863	50.831	ug/l	100
84) sec-Butylbenzene	13.542	105	1161048	51.262	ug/l	100
85) p-Isopropyltoluene	13.674	119	954705	51.697	ug/l	98
86) 1,3-Dichlorobenzene	13.671	146	490575	50.357	ug/l	98
87) 1,4-Dichlorobenzene	13.761	146	496901	50.818	ug/l	97
88) n-Butylbenzene	14.046	91	867608	50.973	ug/l	99
89) Hexachloroethane	14.341	117	126590	47.736	ug/l	99
90) 1,2-Dichlorobenzene	14.088	146	467034	51.043	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.791	75	45727	54.507	ug/l	98
92) 1,2,4-Trichlorobenzene	15.548	180	272970	49.892	ug/l	99
93) Hexachlorobutadiene	15.670	225	84411	47.484	ug/l	98
94) Naphthalene	15.830	128	911603	54.371	ug/l	99
95) 1,2,3-Trichlorobenzene	16.055	180	265986	51.208	ug/l	99

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

