

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026694.D
 Acq On : 4 Aug 2025 13:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR080425

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

Quant Time: Aug 05 02:31:20 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	7.308	168	743333	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.331	114	1324434	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.540	117	1006176	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	471160	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.689	65	475732	50.566	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.140%			
34) Dibromofluoromethane	7.205	113	420549	51.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
49) Toluene-d8	10.038	98	1503199	51.220	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.440%			
61) 4-Bromofluorobenzene	12.679	95	444272	53.223	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.666	85	266990	49.282	ug/l	96
3) Chloromethane	1.846	50	385839	47.912	ug/l	100
4) Vinyl Chloride	1.965	62	394062	47.885	ug/l	95
5) Bromomethane	2.305	94	196240	48.938	ug/l	94
6) Chloroethane	2.433	64	244230	46.093	ug/l	100
7) Trichlorofluoromethane	2.719	101	707561	47.703	ug/l	97
8) Diethyl Ether	3.075	74	323864	49.211	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.393	101	395689	49.451	ug/l	100
10) Methyl Iodide	3.553	142	382815	49.572	ug/l	98
11) Tert butyl alcohol	4.323	59	367991	249.998	ug/l #	93
12) 1,1-Dichloroethene	3.364	96	395511	50.019	ug/l	99
13) Acrolein	3.245	56	561532	260.968	ug/l	98
14) Allyl chloride	3.893	41	814817	52.379	ug/l	93
15) Acrylonitrile	4.484	53	1466609	250.999	ug/l	97
16) Acetone	3.441	43	1130324	255.983	ug/l	95
17) Carbon Disulfide	3.649	76	579272	49.490	ug/l	96
18) Methyl Acetate	3.900	43	933788	50.668	ug/l	98
19) Methyl tert-butyl Ether	4.558	73	1592820	50.336	ug/l	94
20) Methylene Chloride	4.092	84	508346	48.512	ug/l	98
21) trans-1,2-Dichloroethene	4.538	96	425203	48.916	ug/l	96
22) Diisopropyl ether	5.472	45	1876561	51.478	ug/l	95
23) Vinyl Acetate	5.398	43	5332147	256.539	ug/l	97
24) 1,1-Dichloroethane	5.341	63	909328	49.258	ug/l	98
25) 2-Butanone	6.377	43	1788743	261.724	ug/l	97
26) 2,2-Dichloropropane	6.358	77	651158	51.024	ug/l	100
27) cis-1,2-Dichloroethene	6.358	96	572274	51.173	ug/l	99
28) Bromochloromethane	6.762	49	320460	48.174	ug/l	100
29) Chloroform	6.961	83	809952	50.650	ug/l	98
30) Cyclohexane	7.285	56	703869	47.213	ug/l	90
31) 1,1,1-Trichloroethane	7.186	97	604361	52.319	ug/l	98
35) 1,1-Dichloropropene	7.433	75	519493	50.269	ug/l	97
36) Ethyl Acetate	6.483	43	612806	49.532	ug/l	98
37) Carbon Tetrachloride	7.414	117	433422	51.497	ug/l	92
38) Methylcyclohexane	8.890	83	602200	50.907	ug/l	97
39) Benzene	7.712	78	1900381	51.064	ug/l	98
40) Methacrylonitrile	6.727	41	394802	51.349	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.802	62	471533	49.814	ug/l	98
42) Isopropyl Acetate	7.876	43	1028816	51.717	ug/l	98
43) Trichloroethene	8.610	130	359532	50.235	ug/l	99
44) 1,2-Dichloropropane	8.928	63	442892	50.290	ug/l	98
45) Dibromomethane	9.028	93	244922	50.006	ug/l	97
46) Bromodichloromethane	9.252	83	493094	51.960	ug/l	93
47) Methyl methacrylate	9.034	41	467413	53.684	ug/l	100
48) 1,4-Dioxane	9.034	88	147454	1051.372	ug/l	96
50) 4-Methyl-2-Pentanone	9.923	43	2767200	266.442	ug/l	99
51) Toluene	10.112	92	962072	50.641	ug/l	99
52) t-1,3-Dichloropropene	10.372	75	490758	52.762	ug/l	96
53) cis-1,3-Dichloropropene	9.750	75	593362	53.184	ug/l	94
54) 1,1,2-Trichloroethane	10.574	97	350709	50.548	ug/l	97
55) Ethyl methacrylate	10.436	69	609059	53.157	ug/l	99
56) 1,3-Dichloropropane	10.738	76	599948	50.767	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.592	63	203054	320.689	ug/l	97
58) 2-Hexanone	10.799	43	1909553	272.736	ug/l	100
59) Dibromochloromethane	10.959	129	311482	53.047	ug/l	97
60) 1,2-Dibromoethane	11.078	107	307279	51.459	ug/l	100
63) Tetrachloroethene	10.658	164	262562	47.768	ug/l	99
64) Chlorobenzene	11.569	112	1037097	49.527	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.659	131	296209	51.790	ug/l	99
66) Ethyl Benzene	11.665	91	1742698	49.842	ug/l	99
67) m/p-Xylenes	11.790	106	1382840	98.993	ug/l	99
68) o-Xylene	12.163	106	670754	49.465	ug/l	100
69) Styrene	12.179	104	1150038	50.752	ug/l	100
70) Bromoform	12.358	173	170303	52.612	ug/l	98
72) Isopropylbenzene	12.506	105	1630194	48.544	ug/l	100
73) N-amyl acetate	12.304	43	668873	50.234	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.792	83	472523	47.958	ug/l	100
75) 1,2,3-Trichloropropane	12.849	75	410526m	52.564	ug/l	
76) Bromobenzene	12.824	156	364496	46.901	ug/l	99
77) n-propylbenzene	12.898	91	1986432	49.580	ug/l	98
78) 2-Chlorotoluene	12.991	91	1081785	47.590	ug/l	99
79) 1,3,5-Trimethylbenzene	13.058	105	1292151	49.205	ug/l	100
80) trans-1,4-Dichloro-2-b...	12.561	75	145303	54.187	ug/l	97
81) 4-Chlorotoluene	13.100	91	1084324	46.695	ug/l	96
82) tert-Butylbenzene	13.353	119	1161745	48.637	ug/l	98
83) 1,2,4-Trimethylbenzene	13.405	105	1309102	50.361	ug/l	99
84) sec-Butylbenzene	13.555	105	1765033	49.827	ug/l	100
85) p-Isopropyltoluene	13.687	119	1476121	51.108	ug/l	99
86) 1,3-Dichlorobenzene	13.681	146	748811	49.147	ug/l	99
87) 1,4-Dichlorobenzene	13.770	146	730827	47.789	ug/l	98
88) n-Butylbenzene	14.056	91	1336412	50.203	ug/l	99
89) Hexachloroethane	14.358	117	202244	48.763	ug/l	98
90) 1,2-Dichlorobenzene	14.101	146	686859	47.998	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.797	75	65044	49.575	ug/l	97
92) 1,2,4-Trichlorobenzene	15.564	180	407971	47.678	ug/l	99
93) Hexachlorobutadiene	15.689	225	128729	46.302	ug/l	99
94) Naphthalene	15.840	128	1321728	50.406	ug/l	99
95) 1,2,3-Trichlorobenzene	16.068	180	395466	48.681	ug/l	100

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

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