

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038834.D
 Acq On : 02 Jul 2025 10:46
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 03 02:24:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	517698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	807492	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	772107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	447799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	118671	20.453	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	40.900%#		
35) Dibromofluoromethane	4.503	113	104529	20.436	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	40.880%#		
50) Toluene-d8	7.236	98	334829	20.233	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	40.460%#		
62) 4-Bromofluorobenzene	10.005	95	134509	20.118	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	40.240%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	97627	19.866	ug/l	98
3) Chloromethane	1.230	50	108864	19.952	ug/l	100
4) Vinyl Chloride	1.297	62	107598	19.189	ug/l	97
5) Bromomethane	1.500	94	69558	20.327	ug/l	89
6) Chloroethane	1.564	64	73112	19.449	ug/l	99
7) Trichlorofluoromethane	1.728	101	196679	19.825	ug/l	99
8) Diethyl Ether	1.918	74	68063	19.716	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.085	101	111230	19.829	ug/l	98
10) Methyl Iodide	2.198	142	134953	18.962	ug/l	99
11) Tert butyl alcohol	2.564	59	73676	97.282	ug/l	96
12) 1,1-Dichloroethene	2.085	96	101228	18.987	ug/l	95
13) Acrolein	2.014	56	17835	94.312	ug/l	97
14) Allyl chloride	2.362	41	134840	18.807	ug/l	95
15) Acrylonitrile	2.674	53	274092	103.462	ug/l	100
16) Acetone	2.121	43	192491	99.555	ug/l	100
17) Carbon Disulfide	2.256	76	238659	19.324	ug/l	99
18) Methyl Acetate	2.384	43	131168	19.895	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	336367	20.405	ug/l	99
20) Methylene Chloride	2.458	84	121490	19.013	ug/l	97
21) trans-1,2-Dichloroethene	2.706	96	106278	19.933	ug/l	96
22) Diisopropyl ether	3.214	45	315066	21.434	ug/l	94
23) Vinyl Acetate	3.191	43	1092209	103.042	ug/l	100
24) 1,1-Dichloroethane	3.121	63	199396	20.122	ug/l	99
25) 2-Butanone	3.863	43	290197	106.516	ug/l	99
26) 2,2-Dichloropropane	3.812	77	184432	20.081	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	125221	20.153	ug/l	98
28) Bromochloromethane	4.153	49	86346	20.388	ug/l	98
29) Tetrahydrofuran	4.233	42	199192	106.308	ug/l	99
30) Chloroform	4.278	83	224980	20.838	ug/l	98
31) Cyclohexane	4.583	56	151666	19.327	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	198795	19.839	ug/l	98
36) 1,1-Dichloropropene	4.751	75	133394	21.492	ug/l	98
37) Ethyl Acetate	3.976	43	120450	19.302	ug/l #	93
38) Carbon Tetrachloride	4.735	117	167973	20.562	ug/l	99
39) Methylcyclohexane	6.046	83	157280	19.381	ug/l	97
40) Benzene	5.011	78	426194	21.409	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	53428	20.065	ug/l	93
42) 1,2-Dichloroethane	5.040	62	154503	21.294	ug/l	99
43) Isopropyl Acetate	5.191	43	194057	19.284	ug/l	100
44) Trichloroethene	5.834	130	112111	20.961	ug/l	100
45) 1,2-Dichloropropane	6.088	63	99460	19.323	ug/l	95
46) Dibromomethane	6.227	93	83210	20.500	ug/l	99
47) Bromodichloromethane	6.426	83	176650	20.553	ug/l	96
48) Methyl methacrylate	6.300	41	85016	18.682	ug/l	93
49) 1,4-Dioxane	6.288	88	26020m	405.047	ug/l	
51) 4-Methyl-2-Pentanone	7.146	43	689955	109.959	ug/l	100
52) Toluene	7.310	92	279195	21.804	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	168654	21.122	ug/l	96
54) cis-1,3-Dichloropropene	6.950	75	179211	21.301	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	118838	21.224	ug/l	96
56) Ethyl methacrylate	7.715	69	149867	20.345	ug/l	98
57) 1,3-Dichloropropane	7.934	76	186224	21.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	339624	105.605	ug/l	100
59) 2-Hexanone	8.062	43	470632	103.456	ug/l	99
60) Dibromochloromethane	8.165	129	142979	20.280	ug/l	98
61) 1,2-Dibromoethane	8.275	107	124950	21.969	ug/l	99
64) Tetrachloroethene	7.898	164	98484	19.835	ug/l	97
65) Chlorobenzene	8.805	112	330926	20.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	125160	20.599	ug/l	99
67) Ethyl Benzene	8.937	91	516790	20.271	ug/l	99
68) m/p-Xylenes	9.062	106	418110	42.819	ug/l	98
69) o-Xylene	9.468	106	186626	20.004	ug/l	99
70) Styrene	9.487	104	341292	20.924	ug/l	99
71) Bromoform	9.654	173	101389	20.535	ug/l #	99
73) Isopropylbenzene	9.857	105	538136	20.477	ug/l	99
74) N-amyl acetate	9.725	43	177497	19.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	193169	20.275	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	134282	19.381	ug/l	97
77) Bromobenzene	10.143	156	135377	19.968	ug/l	99
78) n-propylbenzene	10.278	91	637980	20.399	ug/l	100
79) 2-Chlorotoluene	10.349	91	391157	20.594	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	466697	20.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	61886	19.013	ug/l	95
82) 4-Chlorotoluene	10.464	91	453041	20.690	ug/l	99
83) tert-Butylbenzene	10.789	119	461363	19.796	ug/l	97
84) 1,2,4-Trimethylbenzene	10.840	105	455829	20.697	ug/l	98
85) sec-Butylbenzene	11.014	105	604551	20.376	ug/l	99
86) p-Isopropyltoluene	11.168	119	517705	20.351	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	280339	20.340	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	292759	20.158	ug/l	99
89) n-Butylbenzene	11.580	91	469101	19.898	ug/l	99
90) Hexachloroethane	11.821	117	106418	19.272	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	258829	19.924	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	38755	19.213	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	164952	19.589	ug/l	98
94) Hexachlorobutadiene	13.368	225	80228	19.743	ug/l	96
95) Naphthalene	13.426	128	500781	18.694	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	172278	19.825	ug/l	100

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

