

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038825.D
 Acq On : 27 Jun 2025 09:40
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 28 03:57:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	467440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	774711	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	733153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	408820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	120917	20.094	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.180%	
35) Dibromofluoromethane	4.503	113	104278	20.746	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.500%	
50) Toluene-d8	7.236	98	351635	20.475	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.940%	
62) 4-Bromofluorobenzene	10.001	95	128089	20.260	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.520%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	90428	20.378	ug/l	100
3) Chloromethane	1.230	50	110778	19.269	ug/l	97
4) Vinyl Chloride	1.297	62	118460	19.311	ug/l	99
5) Bromomethane	1.497	94	88043	20.143	ug/l	99
6) Chloroethane	1.561	64	79331	19.986	ug/l	100
7) Trichlorofluoromethane	1.725	101	174117	19.076	ug/l	97
8) Diethyl Ether	1.918	74	65850	18.883	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	108456	19.731	ug/l	98
10) Methyl Iodide	2.195	142	94588	18.669	ug/l	99
11) Tert butyl alcohol	2.558	59	96554	94.095	ug/l	99
12) 1,1-Dichloroethene	2.082	96	98136	20.000	ug/l	97
13) Acrolein	2.008	56	39337	101.520	ug/l	98
14) Allyl chloride	2.358	41	169544	19.017	ug/l	98
15) Acrylonitrile	2.674	53	352019	100.746	ug/l	99
16) Acetone	2.117	43	275453	101.783	ug/l	99
17) Carbon Disulfide	2.252	76	256442	20.146	ug/l	100
18) Methyl Acetate	2.381	43	178894	20.631	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	318372	19.108	ug/l	100
20) Methylene Chloride	2.455	84	121297	19.257	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	103086	18.814	ug/l	98
22) Diisopropyl ether	3.211	45	369141	20.460	ug/l	79
23) Vinyl Acetate	3.188	43	1468568	102.466	ug/l	99
24) 1,1-Dichloroethane	3.121	63	213352	19.718	ug/l	99
25) 2-Butanone	3.860	43	423958	104.739	ug/l	99
26) 2,2-Dichloropropane	3.809	77	173606	19.050	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	118618	18.677	ug/l	99
28) Bromochloromethane	4.146	49	101479	20.095	ug/l	97
29) Tetrahydrofuran	4.230	42	287143	97.452	ug/l	98
30) Chloroform	4.278	83	215763	19.406	ug/l	98
31) Cyclohexane	4.587	56	166168	19.752	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	186018	19.461	ug/l	100
36) 1,1-Dichloropropene	4.747	75	133840	18.175	ug/l	100
37) Ethyl Acetate	3.976	43	169044	17.102	ug/l	99
38) Carbon Tetrachloride	4.735	117	156345	19.947	ug/l	99
39) Methylcyclohexane	6.046	83	147742	17.880	ug/l	96
40) Benzene	5.011	78	429796	19.727	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	68633	17.957	ug/l #	88
42) 1,2-Dichloroethane	5.040	62	154177	19.619	ug/l	99
43) Isopropyl Acetate	5.191	43	245440	20.427	ug/l	99
44) Trichloroethene	5.834	130	103665	19.826	ug/l	99
45) 1,2-Dichloropropane	6.088	63	118943	20.765	ug/l	100
46) Dibromomethane	6.226	93	84538	20.120	ug/l	99
47) Bromodichloromethane	6.426	83	168236	19.826	ug/l	99
48) Methyl methacrylate	6.297	41	109021	19.144	ug/l	99
49) 1,4-Dioxane	6.288	88	28237	308.025	ug/l	94
51) 4-Methyl-2-Pentanone	7.146	43	967968	109.419	ug/l	98
52) Toluene	7.310	92	268827	20.241	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	162484	20.085	ug/l	97
54) cis-1,3-Dichloropropene	6.950	75	178859	19.989	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	119694	20.886	ug/l	98
56) Ethyl methacrylate	7.715	69	144770	18.543	ug/l	99
57) 1,3-Dichloropropane	7.934	76	191931	20.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	518335	104.353	ug/l	99
59) 2-Hexanone	8.062	43	700181	112.363	ug/l	97
60) Dibromochloromethane	8.169	129	131082	19.728	ug/l	98
61) 1,2-Dibromoethane	8.275	107	122095	20.641	ug/l	97
64) Tetrachloroethene	7.898	164	102438	20.020	ug/l	97
65) Chlorobenzene	8.805	112	308567	19.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	110789	19.542	ug/l	99
67) Ethyl Benzene	8.937	91	476268	18.875	ug/l	99
68) m/p-Xylenes	9.062	106	388153	40.844	ug/l	98
69) o-Xylene	9.468	106	170029	19.127	ug/l	100
70) Styrene	9.487	104	309117	20.591	ug/l	99
71) Bromoform	9.654	173	90058	19.716	ug/l #	100
73) Isopropylbenzene	9.857	105	481401	19.313	ug/l	99
74) N-amyl acetate	9.725	43	196003	18.035	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	198686	19.144	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	150813	19.191	ug/l	79
77) Bromobenzene	10.143	156	119866	19.074	ug/l	97
78) n-propylbenzene	10.278	91	589160	19.545	ug/l	100
79) 2-Chlorotoluene	10.349	91	355732	19.835	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	411937	19.889	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	64603	19.038	ug/l	96
82) 4-Chlorotoluene	10.464	91	418028	20.216	ug/l	99
83) tert-Butylbenzene	10.789	119	380621	18.429	ug/l	100
84) 1,2,4-Trimethylbenzene	10.840	105	400826	19.957	ug/l	100
85) sec-Butylbenzene	11.011	105	533754	19.594	ug/l	100
86) p-Isopropyltoluene	11.165	119	454971	19.548	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	245417	19.186	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	260979	18.837	ug/l	98
89) n-Butylbenzene	11.580	91	421656	18.705	ug/l	99
90) Hexachloroethane	11.818	117	97286	18.986	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	233024	18.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	39192	17.812	ug/l	97
93) 1,2,4-Trichlorobenzene	13.184	180	132958	18.174	ug/l	99
94) Hexachlorobutadiene	13.368	225	63828	17.940	ug/l	98
95) Naphthalene	13.426	128	425550	17.165	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	135841	18.075	ug/l	98

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

