

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063460.D
 Acq On : 08 Jul 2025 11:52
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
 Supervised By :Semsettin Yesilyurt 07/09/2025

Quant Time: Jul 09 03:50:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:50:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	140612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	244719	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	222687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	115285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1259	1.126	ug/l	89
3) Chloromethane	1.518	50	1828	0.872	ug/l	100
4) Vinyl Chloride	1.599	62	1796	1.189	ug/l #	87
6) Chloroethane	1.927	64	1664	1.521	ug/l	91
7) Trichlorofluoromethane	2.129	101	2607	1.070	ug/l	99
8) Diethyl Ether	2.374	74	1159	1.141	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.570	101	1700	1.180	ug/l #	79
12) 1,1-Dichloroethene	2.570	96	1589	1.172	ug/l #	85
14) Allyl chloride	2.904	41	3941m	1.204	ug/l	
15) Acrylonitrile	3.309	53	6186	4.801	ug/l #	86
16) Acetone	2.618	43	8199	5.448	ug/l	90
17) Carbon Disulfide	2.776	76	4762	0.766	ug/l	95
18) Methyl Acetate	2.943	43	4549m	1.154	ug/l	
19) Methyl tert-butyl Ether	3.364	73	6126	1.059	ug/l #	88
20) Methylene Chloride	3.026	84	3181m	1.450	ug/l	
21) trans-1,2-Dichloroethene	3.341	96	1993	0.783	ug/l	87
22) Diisopropyl ether	4.001	45	6384	1.174	ug/l #	84
23) Vinyl Acetate	3.965	43	19540	4.631	ug/l	99
24) 1,1-Dichloroethane	3.853	63	3279	1.063	ug/l #	85
25) 2-Butanone	4.747	43	6754	3.998	ug/l	95
26) 2,2-Dichloropropane	4.653	77	2880	1.051	ug/l	93
27) cis-1,2-Dichloroethene	4.653	96	2187m	1.150	ug/l	
28) Bromochloromethane	4.965	49	1596	1.101	ug/l #	99
29) Tetrahydrofuran	5.068	42	4753	4.246	ug/l	93
30) Chloroform	5.081	83	3717	1.141	ug/l	90
32) 1,1,1-Trichloroethane	5.306	97	2999	1.081	ug/l #	49
36) 1,1-Dichloropropene	5.521	75	2534	1.264	ug/l #	82
37) Ethyl Acetate	4.849	43	4172m	1.260	ug/l	
38) Carbon Tetrachloride	5.505	117	2581	1.169	ug/l #	86
39) Methylcyclohexane	6.746	83	2926	1.208	ug/l	93
40) Benzene	5.769	78	6219	0.993	ug/l #	84
41) Methacrylonitrile	5.010	41	1647m	1.108	ug/l	
42) 1,2-Dichloroethane	5.795	62	2459	1.045	ug/l	97
43) Isopropyl Acetate	5.930	43	4029	0.934	ug/l #	90
44) Trichloroethene	6.537	130	1900	1.134	ug/l	91
45) 1,2-Dichloropropane	6.791	63	1764	1.014	ug/l	93

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46) Dibromomethane	6.907	93	1205	0.973	ug/l #	87
47) Bromodichloromethane	7.094	83	2778	1.079	ug/l #	78
48) Methyl methacrylate	6.978	41	1717	0.862	ug/l	91
49) 1,4-Dioxane	6.981	88	819m	18.729	ug/l	
51) 4-Methyl-2-Pentanone	7.791	43	14129	4.527	ug/l	97
52) Toluene	7.965	92	4877	1.191	ug/l	91
53) t-1,3-Dichloropropene	8.209	75	1873	0.831	ug/l #	74
54) cis-1,3-Dichloropropene	7.605	75	2377	0.943	ug/l #	79
55) 1,1,2-Trichloroethane	8.396	97	1910	1.098	ug/l #	86
56) Ethyl methacrylate	8.338	69	3031	1.081	ug/l	90
57) 1,3-Dichloropropane	8.570	76	3049	1.064	ug/l	96
59) 2-Hexanone	8.695	43	10343	4.382	ug/l	100
60) Dibromochloromethane	8.801	129	1842	0.946	ug/l	100
61) 1,2-Dibromoethane	8.923	107	1888	1.106	ug/l	99
64) Tetrachloroethene	8.544	164	1939	1.170	ug/l	83
65) Chlorobenzene	9.444	112	5006	1.081	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.528	131	1544	0.972	ug/l #	64
67) Ethyl Benzene	9.566	91	8539	1.072	ug/l	92
68) m/p-Xylenes	9.692	106	6692	2.202	ug/l	91
69) o-Xylene	10.094	106	3395	1.099	ug/l	92
70) Styrene	10.116	104	4744	0.966	ug/l	95
71) Bromoform	10.286	173	1226	0.885	ug/l #	93
73) Isopropylbenzene	10.476	105	8513	1.085	ug/l	100
74) N-amyl acetate	10.332	43	2734	0.777	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	10.775	83	3114	1.078	ug/l	93
76) 1,2,3-Trichloropropane	10.817	75	3355	1.098	ug/l #	81
77) Bromobenzene	10.782	156	2204	1.146	ug/l	70
78) n-propylbenzene	10.901	91	9731	1.070	ug/l	98
79) 2-Chlorotoluene	10.984	91	5826	1.021	ug/l	92
80) 1,3,5-Trimethylbenzene	11.084	105	7410	1.080	ug/l	92
82) 4-Chlorotoluene	11.097	91	6428	0.992	ug/l	100
83) tert-Butylbenzene	11.409	119	7101	1.079	ug/l	95
84) 1,2,4-Trimethylbenzene	11.467	105	7315	1.086	ug/l	95
85) sec-Butylbenzene	11.637	105	9658	1.112	ug/l	96
86) p-Isopropyltoluene	11.785	119	7307	1.037	ug/l	92
87) 1,3-Dichlorobenzene	11.743	146	4138	1.117	ug/l	92
88) 1,4-Dichlorobenzene	11.830	146	4333m	1.148	ug/l	
89) n-Butylbenzene	12.209	91	6480	0.994	ug/l	98
90) Hexachloroethane	12.470	117	1183	1.004	ug/l	85
91) 1,2-Dichlorobenzene	12.212	146	3783	1.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.003	75	548	0.801	ug/l	87
93) 1,2,4-Trichlorobenzene	13.849	180	2120	0.916	ug/l	97
94) Hexachlorobutadiene	14.013	225	936	0.946	ug/l	99
95) Naphthalene	14.100	128	6939	0.916	ug/l	97
96) 1,2,3-Trichlorobenzene	14.331	180	2279	1.002	ug/l	91

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

