

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038824.D
 Acq On : 27 Jun 2025 09:17
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 28 04:16:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 04:16:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	411780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	698367	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	665094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	337705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	31579	5.957	ug/l	0.01
Spiked Amount 50.000			Recovery	=	11.920%	
35) Dibromofluoromethane	4.510	113	24128	5.325	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.660%	
50) Toluene-d8	7.239	98	84126	5.434	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.860%	
62) 4-Bromofluorobenzene	10.005	95	26054	4.572	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	20199	5.167	ug/l	96
3) Chloromethane	1.227	50	26277	5.189	ug/l	99
4) Vinyl Chloride	1.294	62	28035	5.188	ug/l	97
5) Bromomethane	1.490	94	25062	7.043	ug/l	100
6) Chloroethane	1.555	64	19339	5.531	ug/l	98
7) Trichlorofluoromethane	1.722	101	42360	5.268	ug/l	98
8) Diethyl Ether	1.915	74	15111	4.919	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.079	101	25734	5.314	ug/l	99
10) Methyl Iodide	2.195	142	14836	6.843	ug/l	95
11) Tert butyl alcohol	2.571	59	22460	24.847	ug/l	98
12) 1,1-Dichloroethene	2.079	96	24585	4.643	ug/l	98
13) Acrolein	2.008	56	7841	22.971	ug/l	98
14) Allyl chloride	2.359	41	41104	5.234	ug/l	95
15) Acrylonitrile	2.680	53	72190	23.453	ug/l	97
16) Acetone	2.121	43	61668	25.867	ug/l	99
17) Carbon Disulfide	2.249	76	68109	4.543	ug/l	95
18) Methyl Acetate	2.388	43	32476	4.252	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	63491	4.326	ug/l	100
20) Methylene Chloride	2.452	84	28658	5.165	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	23874	4.946	ug/l	99
22) Diisopropyl ether	3.211	45	69365	4.364	ug/l #	37
23) Vinyl Acetate	3.195	43	270808	21.449	ug/l	99
24) 1,1-Dichloroethane	3.121	63	49922	5.237	ug/l	97
25) 2-Butanone	3.899	43	75403	21.146	ug/l	97
26) 2,2-Dichloropropane	3.809	77	40331	5.024	ug/l #	72
27) cis-1,2-Dichloroethene	3.831	96	25246	4.512	ug/l	99
28) Bromochloromethane	4.156	49	24531	5.514	ug/l	95
29) Tetrahydrofuran	4.240	42	51627	19.890	ug/l	94
30) Chloroform	4.278	83	53050	5.416	ug/l	92
31) Cyclohexane	4.584	56	42055	5.675	ug/l #	78
32) 1,1,1-Trichloroethane	4.513	97	43094	5.118	ug/l	98
36) 1,1-Dichloropropene	4.748	75	28672	4.319	ug/l	88
37) Ethyl Acetate	3.998	43	45182m	5.071	ug/l	
38) Carbon Tetrachloride	4.731	117	34048	4.819	ug/l	98
39) Methylcyclohexane	6.047	83	33736	4.529	ug/l	96
40) Benzene	5.011	78	99303	5.056	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.214	41	10515m	5.033	ug/l	
42) 1,2-Dichloroethane	5.050	62	35649	5.032	ug/l	98
43) Isopropyl Acetate	5.201	43	42425	3.917	ug/l	96
44) Trichloroethene	5.841	130	23540	4.994	ug/l	97
45) 1,2-Dichloropropane	6.095	63	24403	4.726	ug/l	95
46) Dibromomethane	6.236	93	19167	5.060	ug/l	97
47) Bromodichloromethane	6.429	83	38028	4.971	ug/l #	97
48) Methyl methacrylate	6.317	41	18469	3.598	ug/l #	89
49) 1,4-Dioxane	6.301	88	4874	58.981	ug/l #	77
51) 4-Methyl-2-Pentanone	7.149	43	181357	22.742	ug/l	93
52) Toluene	7.310	92	56584	4.726	ug/l	95
53) t-1,3-Dichloropropene	7.583	75	32951	4.518	ug/l	96
54) cis-1,3-Dichloropropene	6.956	75	36452	4.519	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	26089	5.050	ug/l	97
56) Ethyl methacrylate	7.722	69	26180	3.720	ug/l	96
57) 1,3-Dichloropropane	7.940	76	42217	4.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	60969	20.713	ug/l	99
59) 2-Hexanone	8.069	43	111062	19.771	ug/l	96
60) Dibromochloromethane	8.169	129	29243	4.882	ug/l	92
61) 1,2-Dibromoethane	8.281	107	27086	5.080	ug/l	97
64) Tetrachloroethene	7.899	164	26030	5.608	ug/l	92
65) Chlorobenzene	8.805	112	71168	4.893	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.899	131	24964	4.854	ug/l	95
67) Ethyl Benzene	8.940	91	96296	4.207	ug/l	100
68) m/p-Xylenes	9.066	106	70607	8.190	ug/l	96
69) o-Xylene	9.471	106	32835	4.072	ug/l	95
70) Styrene	9.493	104	51564	3.786	ug/l	98
71) Bromoform	9.657	173	18483	4.461	ug/l #	98
73) Isopropylbenzene	9.857	105	84484	4.103	ug/l	99
74) N-amyl acetate	9.734	43	33377	3.718	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.169	83	41386	4.827	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	29266	4.508	ug/l	79
77) Bromobenzene	10.146	156	24236	4.669	ug/l	95
78) n-propylbenzene	10.278	91	101976	4.095	ug/l	98
79) 2-Chlorotoluene	10.349	91	61152	4.128	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	66343	3.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	10710	3.821	ug/l #	78
82) 4-Chlorotoluene	10.468	91	71079	4.161	ug/l	100
83) tert-Butylbenzene	10.789	119	69667	4.083	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	63813	3.846	ug/l	99
85) sec-Butylbenzene	11.014	105	91377	4.061	ug/l	99
86) p-Isopropyltoluene	11.169	119	79411	4.130	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	50067	4.738	ug/l	97
88) 1,4-Dichlorobenzene	11.197	146	54629	4.773	ug/l	93
89) n-Butylbenzene	11.583	91	72317	3.884	ug/l	98
90) Hexachloroethane	11.821	117	20061	4.739	ug/l	96
91) 1,2-Dichlorobenzene	11.570	146	45869	4.478	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	8360	4.600	ug/l	94
93) 1,2,4-Trichlorobenzene	13.191	180	23130	3.827	ug/l	100
94) Hexachlorobutadiene	13.368	225	13611	4.631	ug/l	94
95) Naphthalene	13.429	128	68671	6.175	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	22904	3.689	ug/l	97

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

