

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038932.D
 Acq On : 08 Aug 2025 12:43
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

Quant Time: Aug 11 05:08:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	559992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	916327	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	862514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	483603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	97741	12.137	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	24.280%#		
35) Dibromofluoromethane	4.506	113	82164	11.819	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	23.640%#		
50) Toluene-d8	7.239	98	276752	11.495	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	23.000%#		
62) 4-Bromofluorobenzene	10.005	95	99518	11.477	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	22.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	38728	10.279	ug/l	98
3) Chloromethane	1.230	50	36049	10.028	ug/l	93
4) Vinyl Chloride	1.298	62	45316	10.259	ug/l	100
5) Bromomethane	1.500	94	39964	11.541	ug/l	97
6) Chloroethane	1.561	64	31314	9.856	ug/l	96
7) Trichlorofluoromethane	1.728	101	84704	9.683	ug/l	99
8) Diethyl Ether	1.921	74	30744	9.425	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.082	101	54899	9.824	ug/l	97
10) Methyl Iodide	2.198	142	42969	9.792	ug/l	97
11) Tert butyl alcohol	2.571	59	73192	53.737	ug/l	98
12) 1,1-Dichloroethene	2.085	96	46183	9.972	ug/l	99
13) Acrolein	2.011	56	42447	44.183	ug/l	95
14) Allyl chloride	2.362	41	79506	9.817	ug/l	98
15) Acrylonitrile	2.680	53	177372	49.327	ug/l	99
16) Acetone	2.124	43	140862	48.727	ug/l	97
17) Carbon Disulfide	2.256	76	77710	10.391	ug/l	97
18) Methyl Acetate	2.384	43	122602	10.941	ug/l	99
19) Methyl tert-butyl Ether	2.715	73	187835	9.857	ug/l	98
20) Methylene Chloride	2.458	84	59251	9.883	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	49846	9.902	ug/l	100
22) Diisopropyl ether	3.224	45	167621	10.235	ug/l	93
23) Vinyl Acetate	3.198	43	585194	48.100	ug/l	100
24) 1,1-Dichloroethane	3.124	63	105166	10.012	ug/l	98
25) 2-Butanone	3.879	43	189160	51.484	ug/l	97
26) 2,2-Dichloropropane	3.815	77	90378	9.711	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	58135	9.586	ug/l	96
28) Bromochloromethane	4.153	49	29520	8.925	ug/l	98
29) Tetrahydrofuran	4.246	42	118451	48.561	ug/l	98
30) Chloroform	4.285	83	113268	9.911	ug/l	98
31) Cyclohexane	4.584	56	68009	10.512	ug/l #	89
32) 1,1,1-Trichloroethane	4.519	97	97872	9.957	ug/l	100
36) 1,1-Dichloropropene	4.748	75	56628	9.237	ug/l	99
37) Ethyl Acetate	3.992	43	72982	9.064	ug/l #	95
38) Carbon Tetrachloride	4.738	117	75774	9.260	ug/l	98
39) Methylcyclohexane	6.050	83	61848	9.220	ug/l	95
40) Benzene	5.014	78	205173	10.060	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.172	41	28591	8.652	ug/l #	87
42) 1,2-Dichloroethane	5.047	62	78152	9.863	ug/l	96
43) Isopropyl Acetate	5.204	43	105605	9.289	ug/l #	90
44) Trichloroethene	5.838	130	52503	9.783	ug/l	92
45) 1,2-Dichloropropane	6.095	63	55965	10.147	ug/l	98
46) Dibromomethane	6.233	93	41600	9.867	ug/l	96
47) Bromodichloromethane	6.432	83	89288	9.532	ug/l	98
48) Methyl methacrylate	6.310	41	45858	9.455	ug/l	98
49) 1,4-Dioxane	6.294	88	20951	194.785	ug/l #	95
51) 4-Methyl-2-Pentanone	7.153	43	399855	50.740	ug/l	98
52) Toluene	7.313	92	129106	10.027	ug/l	99
53) t-1,3-Dichloropropene	7.580	75	79332	9.681	ug/l	98
54) cis-1,3-Dichloropropene	6.956	75	88410	9.882	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	62839	9.973	ug/l	98
56) Ethyl methacrylate	7.722	69	70437	9.427	ug/l	99
57) 1,3-Dichloropropane	7.940	76	94390	9.793	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.818	63	166704	45.088	ug/l	99
59) 2-Hexanone	8.069	43	279119	49.070	ug/l	98
60) Dibromochloromethane	8.169	129	72861	9.443	ug/l	96
61) 1,2-Dibromoethane	8.278	107	61389	9.814	ug/l	98
64) Tetrachloroethene	7.899	164	48152	9.512	ug/l	97
65) Chlorobenzene	8.808	112	167172	9.915	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	62642	9.446	ug/l	95
67) Ethyl Benzene	8.940	91	236721	9.559	ug/l	99
68) m/p-Xylenes	9.066	106	186436	19.534	ug/l	96
69) o-Xylene	9.471	106	84354	9.399	ug/l	98
70) Styrene	9.490	104	148428	9.186	ug/l	99
71) Bromoform	9.657	173	52770	9.469	ug/l	97
73) Isopropylbenzene	9.857	105	241874	9.582	ug/l	98
74) N-amyl acetate	9.728	43	85106	9.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.169	83	104037	9.640	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	76827m	9.716	ug/l	
77) Bromobenzene	10.146	156	66566	9.824	ug/l	96
78) n-propylbenzene	10.281	91	282787	9.497	ug/l	99
79) 2-Chlorotoluene	10.349	91	181013	9.904	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	206317	9.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	29578	9.372	ug/l	93
82) 4-Chlorotoluene	10.468	91	213499	9.988	ug/l	98
83) tert-Butylbenzene	10.792	119	207553	9.148	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	199031	9.416	ug/l	98
85) sec-Butylbenzene	11.014	105	269761	9.410	ug/l	99
86) p-Isopropyltoluene	11.169	119	234968	9.409	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	135267	9.550	ug/l	97
88) 1,4-Dichlorobenzene	11.197	146	143372	9.295	ug/l	95
89) n-Butylbenzene	11.583	91	205430	8.898	ug/l	99
90) Hexachloroethane	11.821	117	52652	8.938	ug/l	98
91) 1,2-Dichlorobenzene	11.570	146	128120	9.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	21816	9.229	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	73790	8.738	ug/l	98
94) Hexachlorobutadiene	13.371	225	41012	9.191	ug/l	97
95) Naphthalene	13.426	128	225450	8.508	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	77617	8.981	ug/l	98

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

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