

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
 Data File : VV038879.D
 Acq On : 11 Jul 2025 08:18
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 14 05:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 05:23:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	346554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	590204	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	555007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	252890	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	81 - 118	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	80 - 119	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	89 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	85 - 114	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	3834	1.259	ug/l	88
3) Chloromethane	1.230	50	5120	1.557	ug/l	92
4) Vinyl Chloride	1.298	62	4996	1.327	ug/l	89
6) Chloroethane	1.561	64	3548	1.410	ug/l #	85
7) Trichlorofluoromethane	1.728	101	9372	1.407	ug/l	96
8) Diethyl Ether	1.918	74	3322	1.387	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.079	101	5490	1.379	ug/l	92
12) 1,1-Dichloroethene	2.085	96	5643	1.555	ug/l	95
14) Allyl chloride	2.359	41	7623	1.319	ug/l	94
15) Acrylonitrile	2.680	53	15141	6.069	ug/l	97
16) Acetone	2.121	43	10245	5.591	ug/l	100
17) Carbon Disulfide	2.253	76	11679	1.543	ug/l #	93
18) Methyl Acetate	2.391	43	7543	1.217	ug/l #	87
19) Methyl tert-butyl Ether	2.716	73	16516	1.214	ug/l	93
20) Methylene Chloride	2.458	84	7334	1.578	ug/l #	95
21) trans-1,2-Dichloroethene	2.706	96	5310	1.376	ug/l	94
22) Diisopropyl ether	3.220	45	11579	1.003	ug/l #	68
23) Vinyl Acetate	3.204	43	42625	4.707	ug/l	95
24) 1,1-Dichloroethane	3.124	63	10824	1.431	ug/l #	91
25) 2-Butanone	3.918	43	9203	3.687	ug/l #	88
26) 2,2-Dichloropropane	3.812	77	8404	1.269	ug/l #	68
27) cis-1,2-Dichloroethene	3.831	96	4930	1.110	ug/l	55
28) Bromochloromethane	4.159	49	3685m	1.283	ug/l	
29) Tetrahydrofuran	4.256	42	7500	4.324	ug/l #	68
30) Chloroform	4.285	83	10105	1.212	ug/l	91
32) 1,1,1-Trichloroethane	4.516	97	8815	1.212	ug/l #	38
36) 1,1-Dichloropropene	4.757	75	6083	1.277	ug/l #	68
37) Ethyl Acetate	4.021	43	7183m	1.122	ug/l	
38) Carbon Tetrachloride	4.738	117	7882	1.323	ug/l	100
39) Methylcyclohexane	6.047	83	6226	1.141	ug/l	90
40) Benzene	5.024	78	17783	1.134	ug/l	100
41) Methacrylonitrile	4.233	41	1566m	0.711	ug/l	
42) 1,2-Dichloroethane	5.066	62	7295m	1.221	ug/l	
43) Isopropyl Acetate	5.220	43	10204m	1.246	ug/l	
44) Trichloroethene	5.854	130	4921m	1.201	ug/l	
45) 1,2-Dichloropropane	6.101	63	5138	1.241	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.243	93	3686	1.150	ug/l #	72
47) Bromodichloromethane	6.436	83	8021	1.180	ug/l #	94
48) Methyl methacrylate	6.365	41	3447m	0.922	ug/l	
49) 1,4-Dioxane	6.323	88	1447m	18.866	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	23037	4.005	ug/l	90
52) Toluene	7.326	92	9403	0.977	ug/l	84
53) t-1,3-Dichloropropene	7.603	75	5923	0.994	ug/l #	72
54) cis-1,3-Dichloropropene	6.969	75	6585	1.008	ug/l	93
55) 1,1,2-Trichloroethane	7.770	97	4698	0.995	ug/l	88
56) Ethyl methacrylate	7.751	69	4809m	0.857	ug/l	
57) 1,3-Dichloropropane	7.953	76	7123	1.006	ug/l	95
58) 2-Chloroethyl Vinyl ether	6.841	63	11345m	3.426	ug/l	
59) 2-Hexanone	8.091	43	16303m	4.049	ug/l	
60) Dibromochloromethane	8.175	129	6384	1.148	ug/l	97
61) 1,2-Dibromoethane	8.284	107	5217	1.097	ug/l	86
64) Tetrachloroethene	7.902	164	4475	1.229	ug/l	90
65) Chlorobenzene	8.812	112	13909	1.147	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	5091	1.053	ug/l #	61
67) Ethyl Benzene	8.950	91	18233	1.013	ug/l	100
68) m/p-Xylenes	9.072	106	12405	1.769	ug/l	98
69) o-Xylene	9.477	106	6341	0.958	ug/l	86
70) Styrene	9.506	104	9489m	0.814	ug/l	
71) Bromoform	9.661	173	4109	1.045	ug/l #	99
73) Isopropylbenzene	9.860	105	16418	1.087	ug/l	90
74) N-amyl acetate	9.751	43	5698m	1.029	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.169	83	8810	1.392	ug/l	91
76) 1,2,3-Trichloropropane	10.207	75	5406	1.172	ug/l	97
77) Bromobenzene	10.156	156	4402	1.111	ug/l	95
78) n-propylbenzene	10.288	91	17309	0.980	ug/l	97
79) 2-Chlorotoluene	10.355	91	10219	0.910	ug/l	76
80) 1,3,5-Trimethylbenzene	10.468	105	12585	0.988	ug/l	98
82) 4-Chlorotoluene	10.477	91	11598	0.924	ug/l	97
83) tert-Butylbenzene	10.792	119	14848	1.111	ug/l	97
84) 1,2,4-Trimethylbenzene	10.847	105	12726	1.015	ug/l	98
85) sec-Butylbenzene	11.014	105	17577	1.031	ug/l	96
86) p-Isopropyltoluene	11.169	119	14222	0.982	ug/l	94
87) 1,3-Dichlorobenzene	11.117	146	8523	1.053	ug/l	95
88) 1,4-Dichlorobenzene	11.201	146	10164m	1.155	ug/l	
89) n-Butylbenzene	11.587	91	12734	0.964	ug/l	92
90) Hexachloroethane	11.821	117	4319	1.254	ug/l	96
91) 1,2-Dichlorobenzene	11.580	146	9497	1.209	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.368	75	1619	1.131	ug/l	93
93) 1,2,4-Trichlorobenzene	13.204	180	3788	0.817	ug/l	79
94) Hexachlorobutadiene	13.371	225	2968	1.243	ug/l	95
95) Naphthalene	13.439	128	13913	0.927	ug/l	95
96) 1,2,3-Trichlorobenzene	13.673	180	4681	0.974	ug/l	98

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

