

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071625\
 Data File : VW038901.D
 Acq On : 16 Jul 2025 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 06:11:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	453532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	736281	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	687254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	409793	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	246273	44.443	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	88.880%
35) Dibromofluoromethane	4.497	113	233130	46.441	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.880%
50) Toluene-d8	7.233	98	675690	44.530	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.060%
62) 4-Bromofluorobenzene	10.001	95	305457	49.972	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	99.940%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	171002	42.911	ug/l	97
3) Chloromethane	1.230	50	174317	40.508	ug/l	99
4) Vinyl Chloride	1.294	62	220386	44.746	ug/l	98
5) Bromomethane	1.487	94	158751	42.988	ug/l	94
6) Chloroethane	1.555	64	156921	47.667	ug/l	97
7) Trichlorofluoromethane	1.722	101	412405	47.324	ug/l	99
8) Diethyl Ether	1.915	74	161558	51.553	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	259577	49.816	ug/l	98
10) Methyl Iodide	2.195	142	299351	50.039	ug/l	98
11) Tert butyl alcohol	2.568	59	359590	281.862	ug/l	98
12) 1,1-Dichloroethene	2.079	96	216092	45.513	ug/l	99
13) Acrolein	2.008	56	47549	257.728	ug/l	99
14) Allyl chloride	2.355	41	390450	51.619	ug/l	97
15) Acrylonitrile	2.671	53	869850	266.441	ug/l	100
16) Acetone	2.118	43	697526	290.893	ug/l	99
17) Carbon Disulfide	2.249	76	343627	34.688	ug/l	100
18) Methyl Acetate	2.375	43	507803	62.592	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	949700	53.349	ug/l	99
20) Methylene Chloride	2.452	84	275352	45.264	ug/l	98
21) trans-1,2-Dichloroethene	2.700	96	224712	44.482	ug/l	98
22) Diisopropyl ether	3.211	45	878329	58.113	ug/l	99
23) Vinyl Acetate	3.185	43	3330504	281.033	ug/l	99
24) 1,1-Dichloroethane	3.114	63	504291	50.947	ug/l	99
25) 2-Butanone	3.860	43	1033639	300.746	ug/l	99
26) 2,2-Dichloropropane	3.806	77	450708	52.008	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	303841	52.378	ug/l	99
28) Bromochloromethane	4.140	49	216015	56.382	ug/l	97
29) Tetrahydrofuran	4.233	42	660621	291.640	ug/l	97
30) Chloroform	4.272	83	550679	50.462	ug/l	98
31) Cyclohexane	4.580	56	289229	44.518	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	474004	49.783	ug/l	98
36) 1,1-Dichloropropene	4.741	75	295055	51.143	ug/l	98
37) Ethyl Acetate	3.970	43	383908	56.518	ug/l	99
38) Carbon Tetrachloride	4.728	117	379037	49.461	ug/l	98
39) Methylcyclohexane	6.043	83	319504	46.936	ug/l	99
40) Benzene	5.005	78	999196	51.090	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	192013	61.594	ug/l	97
42) 1,2-Dichloroethane	5.034	62	374786	50.275	ug/l	99
43) Isopropyl Acetate	5.188	43	607572	56.557	ug/l	99
44) Trichloroethene	5.828	130	247031	48.337	ug/l	95
45) 1,2-Dichloropropane	6.085	63	273573	52.954	ug/l	99
46) Dibromomethane	6.220	93	200385	50.131	ug/l	99
47) Bromodichloromethane	6.423	83	452855	53.382	ug/l	98
48) Methyl methacrylate	6.294	41	278280	59.688	ug/l	99
49) 1,4-Dioxane	6.285	88	117109	1165.836	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2182679	298.388	ug/l	99
52) Toluene	7.307	92	650909	52.831	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	428454	55.817	ug/l	97
54) cis-1,3-Dichloropropene	6.947	75	454619	54.788	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	310832	52.782	ug/l	98
56) Ethyl methacrylate	7.715	69	438040	62.595	ug/l	97
57) 1,3-Dichloropropane	7.931	76	487476	55.207	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.809	63	1377378	326.144	ug/l	98
59) 2-Hexanone	8.063	43	1616894	296.936	ug/l	100
60) Dibromochloromethane	8.166	129	369614	53.297	ug/l	98
61) 1,2-Dibromoethane	8.272	107	309141	52.107	ug/l	98
64) Tetrachloroethene	7.895	164	210904	46.792	ug/l	98
65) Chlorobenzene	8.802	112	774476	51.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	308602	51.532	ug/l	100
67) Ethyl Benzene	8.934	91	1282624	57.522	ug/l	99
68) m/p-Xylenes	9.059	106	1020438	117.544	ug/l	100
69) o-Xylene	9.468	106	480119	58.595	ug/l	99
70) Styrene	9.484	104	892564	61.633	ug/l	99
71) Bromoform	9.654	173	269179	55.299	ug/l #	100
73) Isopropylbenzene	9.854	105	1373830	56.108	ug/l	99
74) N-amyl acetate	9.725	43	537407	59.915	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	526538	51.339	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	401580	52.707	ug/l	80
77) Bromobenzene	10.140	156	339024	52.783	ug/l	99
78) n-propylbenzene	10.278	91	1656823	57.895	ug/l	99
79) 2-Chlorotoluene	10.345	91	977801	53.726	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1197347	57.986	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	175661	56.262	ug/l	97
82) 4-Chlorotoluene	10.461	91	1161567	57.095	ug/l	99
83) tert-Butylbenzene	10.789	119	1226740	56.665	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1184226	58.285	ug/l	100
85) sec-Butylbenzene	11.011	105	1594186	57.696	ug/l	100
86) p-Isopropyltoluene	11.165	119	1342706	57.236	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	689824	52.616	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	711757	49.907	ug/l	99
89) n-Butylbenzene	11.580	91	1293454	60.398	ug/l	100
90) Hexachloroethane	11.821	117	276568	49.568	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	664041	52.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	118796	51.232	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	443040	58.973	ug/l	100
94) Hexachlorobutadiene	13.368	225	202354	52.304	ug/l	98
95) Naphthalene	13.423	128	1559314	63.173	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	458456	58.875	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

