

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071525\
 Data File : VW038890.D
 Acq On : 15 Jul 2025 08:54
 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 16 03:05:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 03:05:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	475860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	751973	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	703505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	422876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	244798	42.104	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	84.200%
35) Dibromofluoromethane	4.497	113	229577	44.778	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	89.560%
50) Toluene-d8	7.236	98	676927	43.680	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	87.360%#
62) 4-Bromofluorobenzene	10.001	95	305765	48.978	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	97.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	178569	42.708	ug/l	98
3) Chloromethane	1.227	50	179472	39.749	ug/l	98
4) Vinyl Chloride	1.294	62	221829	42.926	ug/l	99
5) Bromomethane	1.490	94	160408	41.398	ug/l	94
6) Chloroethane	1.555	64	156655	51.065	ug/l	98
7) Trichlorofluoromethane	1.722	101	419230	45.850	ug/l	99
8) Diethyl Ether	1.915	74	160185	48.716	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	260611	47.667	ug/l	98
10) Methyl Iodide	2.195	142	309458	49.302	ug/l	99
11) Tert butyl alcohol	2.564	59	309060	230.887	ug/l	99
12) 1,1-Dichloroethene	2.079	96	219283	44.018	ug/l	99
13) Acrolein	2.008	56	47409	244.912	ug/l	97
14) Allyl chloride	2.355	41	374428	47.178	ug/l	99
15) Acrylonitrile	2.670	53	829514	242.163	ug/l	99
16) Acetone	2.117	43	638441	253.760	ug/l	99
17) Carbon Disulfide	2.249	76	366550	45.854	ug/l	98
18) Methyl Acetate	2.375	43	465201	54.650	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	915426	49.011	ug/l	98
20) Methylene Chloride	2.452	84	275998	43.242	ug/l	98
21) trans-1,2-Dichloroethene	2.699	96	225385	42.522	ug/l	93
22) Diisopropyl ether	3.211	45	830647	52.380	ug/l	95
23) Vinyl Acetate	3.185	43	3242237	260.748	ug/l	99
24) 1,1-Dichloroethane	3.114	63	491765	47.351	ug/l	98
25) 2-Butanone	3.860	43	942482	261.357	ug/l	99
26) 2,2-Dichloropropane	3.809	77	446245	49.077	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	297791	48.926	ug/l	99
28) Bromochloromethane	4.140	49	207900	51.718	ug/l	99
29) Tetrahydrofuran	4.233	42	612041	257.516	ug/l	98
30) Chloroform	4.275	83	536911	46.892	ug/l	99
31) Cyclohexane	4.580	56	300738	44.118	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	465991	46.645	ug/l	99
36) 1,1-Dichloropropene	4.741	75	289739	49.173	ug/l	99
37) Ethyl Acetate	3.973	43	356328	51.363	ug/l	99
38) Carbon Tetrachloride	4.731	117	379604	48.501	ug/l	99
39) Methylcyclohexane	6.043	83	324059	46.611	ug/l	99
40) Benzene	5.008	78	980938	49.110	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 03:05:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	180320	56.636	ug/l	99
42) 1,2-Dichloroethane	5.037	62	372394	48.912	ug/l	100
43) Isopropyl Acetate	5.188	43	567882	51.759	ug/l	99
44) Trichloroethene	5.828	130	245282	46.994	ug/l	98
45) 1,2-Dichloropropane	6.088	63	269898	51.152	ug/l	99
46) Dibromomethane	6.223	93	200044	49.001	ug/l	98
47) Bromodichloromethane	6.426	83	439422	50.718	ug/l	99
48) Methyl methacrylate	6.294	41	270095	56.724	ug/l	99
49) 1,4-Dioxane	6.284	88	90300	880.190	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	2074851	277.728	ug/l	100
52) Toluene	7.307	92	656123	52.143	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	420561	53.645	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	443756	52.363	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	298765	49.674	ug/l	97
56) Ethyl methacrylate	7.712	69	418168	58.508	ug/l	98
57) 1,3-Dichloropropane	7.931	76	470833	52.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1376601	262.899	ug/l	100
59) 2-Hexanone	8.063	43	1516153	272.625	ug/l	99
60) Dibromochloromethane	8.165	129	366636	51.764	ug/l	98
61) 1,2-Dibromoethane	8.272	107	304486	50.251	ug/l	100
64) Tetrachloroethene	7.895	164	215036	46.607	ug/l	98
65) Chlorobenzene	8.802	112	768730	50.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	306068	49.928	ug/l	100
67) Ethyl Benzene	8.937	91	1270581	55.666	ug/l	99
68) m/p-Xylenes	9.062	106	1022019	115.007	ug/l	99
69) o-Xylene	9.468	106	480396	57.274	ug/l	98
70) Styrene	9.484	104	895756	60.425	ug/l	99
71) Bromoform	9.654	173	267442	53.673	ug/l #	99
73) Isopropylbenzene	9.853	105	1382503	54.715	ug/l	100
74) N-amyl acetate	9.725	43	523047	56.510	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	513085	48.480	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	393197	50.010	ug/l	80
77) Bromobenzene	10.140	156	331699	50.044	ug/l	97
78) n-propylbenzene	10.278	91	1654346	56.020	ug/l	99
79) 2-Chlorotoluene	10.345	91	983461	52.365	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1187767	55.743	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	175851	54.581	ug/l	95
82) 4-Chlorotoluene	10.461	91	1166653	55.571	ug/l	100
83) tert-Butylbenzene	10.789	119	1221500	54.677	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1198430	57.159	ug/l	100
85) sec-Butylbenzene	11.011	105	1604489	56.273	ug/l	100
86) p-Isopropyltoluene	11.165	119	1354710	55.962	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	688189	50.868	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	712676	48.426	ug/l	98
89) n-Butylbenzene	11.580	91	1291767	58.453	ug/l	100
90) Hexachloroethane	11.821	117	275284	47.811	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	667895	50.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	112556	47.039	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	445320	57.443	ug/l	99
94) Hexachlorobutadiene	13.368	225	203230	50.905	ug/l	98
95) Naphthalene	13.422	128	1556143	61.094	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	461037	57.375	ug/l	100

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QLast Update : Wed Jul 16 03:05:29 2025
Response via : Initial Calibration

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

