

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039030.D
 Acq On : 25 Aug 2025 13:49
 Operator : SY/MD
 Sample : VV0825WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBS01

Quant Time: Aug 26 03:31:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:37:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	546281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	922202	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	880529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	479516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	392779	49.850	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.700%
35) Dibromofluoromethane	4.500	113	334804	50.412	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.820%
50) Toluene-d8	7.233	98	1157825	49.238	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	10.001	95	438181	50.855	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	134733	18.418	ug/l	98
3) Chloromethane	1.230	50	147140	18.874	ug/l	98
4) Vinyl Chloride	1.294	62	165457	18.200	ug/l	98
5) Bromomethane	1.497	94	97945	21.442	ug/l	96
6) Chloroethane	1.561	64	109598	19.901	ug/l	98
7) Trichlorofluoromethane	1.725	101	239775	18.322	ug/l	98
8) Diethyl Ether	1.918	74	92480	18.629	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	146903	18.634	ug/l	99
10) Methyl Iodide	2.195	142	125388	20.724	ug/l	98
11) Tert butyl alcohol	2.561	59	148997	105.345	ug/l	98
12) 1,1-Dichloroethene	2.082	96	141041	18.686	ug/l	96
13) Acrolein	2.011	56	43177	67.613	ug/l	100
14) Allyl chloride	2.359	41	242641	20.423	ug/l	99
15) Acrylonitrile	2.674	53	461218	109.342	ug/l	99
16) Acetone	2.117	43	410167	82.423	ug/l	98
17) Carbon Disulfide	2.252	76	401268	19.151	ug/l	100
18) Methyl Acetate	2.381	43	204999	20.744	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	462696	20.804	ug/l	99
20) Methylene Chloride	2.455	84	165039	20.309	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	146549	19.371	ug/l	99
22) Diisopropyl ether	3.211	45	508353	23.512	ug/l	80
23) Vinyl Acetate	3.188	43	2084415	116.305	ug/l	97
24) 1,1-Dichloroethane	3.117	63	286139	21.126	ug/l	99
25) 2-Butanone	3.863	43	481189	88.296	ug/l	99
26) 2,2-Dichloropropane	3.809	77	210345	18.066	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	155995	18.604	ug/l	99
28) Bromochloromethane	4.150	49	61164	18.123	ug/l	98
29) Tetrahydrofuran	4.230	42	317161	92.057	ug/l	98
30) Chloroform	4.278	83	268868	19.085	ug/l	97
31) Cyclohexane	4.584	56	218581	18.247	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	235335	18.978	ug/l	99
36) 1,1-Dichloropropene	4.748	75	165226	18.511	ug/l	99
37) Ethyl Acetate	3.976	43	189574	18.095	ug/l #	87
38) Carbon Tetrachloride	4.735	117	201542	18.856	ug/l	98
39) Methylcyclohexane	6.047	83	222694	19.435	ug/l	98
40) Benzene	5.008	78	552933	19.384	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039030.D
 Acq On : 25 Aug 2025 13:49
 Operator : SY/MD
 Sample : VV0825WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBS01

Quant Time: Aug 26 03:31:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:37:06 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	75441	18.356	ug/l	94
42) 1,2-Dichloroethane	5.040	62	188109	18.912	ug/l	100
43) Isopropyl Acetate	5.191	43	286646	19.230	ug/l	97
44) Trichloroethene	5.834	130	139784	19.518	ug/l	99
45) 1,2-Dichloropropane	6.088	63	135388	18.670	ug/l	100
46) Dibromomethane	6.227	93	103341	18.791	ug/l	99
47) Bromodichloromethane	6.426	83	210901	18.612	ug/l	99
48) Methyl methacrylate	6.297	41	126656	17.407	ug/l	95
49) 1,4-Dioxane	6.291	88	51444	418.184	ug/l	94
51) 4-Methyl-2-Pentanone	7.146	43	1006047	95.955	ug/l	100
52) Toluene	7.310	92	349673	19.220	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	207018	19.031	ug/l	96
54) cis-1,3-Dichloropropene	6.950	75	229804	19.665	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	143674	18.929	ug/l	97
56) Ethyl methacrylate	7.715	69	201018	19.967	ug/l	97
57) 1,3-Dichloropropane	7.934	76	231143	18.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	533217	91.564	ug/l	100
59) 2-Hexanone	8.063	43	737356	94.782	ug/l	100
60) Dibromochloromethane	8.165	129	165040	18.796	ug/l	98
61) 1,2-Dibromoethane	8.275	107	151176	19.297	ug/l	99
64) Tetrachloroethene	7.895	164	114864	18.350	ug/l	96
65) Chlorobenzene	8.805	112	390410	18.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	135874	18.470	ug/l	97
67) Ethyl Benzene	8.937	91	629687	18.890	ug/l	98
68) m/p-Xylenes	9.063	106	501664	39.141	ug/l	100
69) o-Xylene	9.468	106	225508	19.217	ug/l	97
70) Styrene	9.487	104	397901	19.247	ug/l	98
71) Bromoform	9.654	173	115466	19.412	ug/l #	96
73) Isopropylbenzene	9.857	105	633197	18.842	ug/l	99
74) N-amyl acetate	9.725	43	247850	17.946	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	231702	17.502	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	169195	17.975	ug/l	98
77) Bromobenzene	10.143	156	157027	18.861	ug/l	96
78) n-propylbenzene	10.278	91	758335	19.116	ug/l	99
79) 2-Chlorotoluene	10.349	91	459591	18.802	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	541713	19.643	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	75364	17.608	ug/l	100
82) 4-Chlorotoluene	10.464	91	530387	19.065	ug/l	100
83) tert-Butylbenzene	10.789	119	525180	18.718	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	532991	19.748	ug/l	100
85) sec-Butylbenzene	11.011	105	709281	19.222	ug/l	100
86) p-Isopropyltoluene	11.165	119	591297	19.217	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	313156	18.817	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	328982	18.347	ug/l	98
89) n-Butylbenzene	11.580	91	566888	19.102	ug/l	99
90) Hexachloroethane	11.821	117	120426	17.521	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	294712	18.258	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	49926	17.361	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	176581	18.879	ug/l	99
94) Hexachlorobutadiene	13.368	225	78710	17.997	ug/l	98
95) Naphthalene	13.426	128	589024	18.157	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	178655	18.850	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
Data File : VV039030.D
Acq On : 25 Aug 2025 13:49
Operator : SY/MD
Sample : VV0825WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0825WBS01

Quant Time: Aug 26 03:31:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 26 02:37:06 2025
Response via : Initial Calibration

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

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

