

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
 Data File : VR026714.D
 Acq On : 6 Aug 2025 13:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 01:09:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.288	168	434071	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.315	114	747596	50.000	ug/l	-0.02
62) Chlorobenzene-d5	11.524	117	612043	50.000	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.732	152	298832	50.000	ug/l	-0.02
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.677	65	259109	47.163	ug/l	-0.02
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.320%		
34) Dibromofluoromethane	7.186	113	224453	48.541	ug/l	-0.02
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
49) Toluene-d8	10.026	98	891372	53.808	ug/l	-0.01
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.620%		
61) 4-Bromofluorobenzene	12.663	95	257716	54.696	ug/l	-0.01
Spiked Amount 50.000	Range 77 - 121		Recovery =	109.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.657	85	148676	46.996	ug/l	99
3) Chloromethane	1.836	50	214258	45.562	ug/l	97
4) Vinyl Chloride	1.952	62	238730	49.678	ug/l	99
5) Bromomethane	2.295	94	127747	54.555	ug/l	100
6) Chloroethane	2.421	64	159103	51.421	ug/l	96
7) Trichlorofluoromethane	2.709	101	509606	58.836	ug/l	99
8) Diethyl Ether	3.069	74	171509	44.628	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.374	101	208871	44.702	ug/l	95
10) Methyl Iodide	3.540	142	200936	44.558	ug/l	100
11) Tert butyl alcohol	4.307	59	167371	194.716	ug/l	99
12) 1,1-Dichloroethene	3.354	96	201304	43.597	ug/l	95
13) Acrolein	3.232	56	276189	219.807	ug/l	100
14) Allyl chloride	3.874	41	380806	41.920	ug/l	96
15) Acrylonitrile	4.471	53	821553	240.778	ug/l	96
16) Acetone	3.431	43	623847	241.941	ug/l	97
17) Carbon Disulfide	3.630	76	261521	38.262	ug/l	98
18) Methyl Acetate	3.887	43	557361	51.790	ug/l	99
19) Methyl tert-butyl Ether	4.538	73	807003	43.672	ug/l	93
20) Methylene Chloride	4.073	84	265088	43.321	ug/l	97
21) trans-1,2-Dichloroethene	4.519	96	218946	43.134	ug/l	97
22) Diisopropyl ether	5.456	45	989081	46.464	ug/l	94
23) Vinyl Acetate	5.379	43	2980449	245.559	ug/l #	93
24) 1,1-Dichloroethane	5.321	63	467843	43.399	ug/l	98
25) 2-Butanone	6.361	43	1013399	253.921	ug/l	98
26) 2,2-Dichloropropane	6.342	77	305879	41.045	ug/l	98
27) cis-1,2-Dichloroethene	6.339	96	296811	45.450	ug/l	99
28) Bromochloromethane	6.733	49	170415	43.870	ug/l	96
29) Chloroform	6.939	83	453447	48.559	ug/l	91
30) Cyclohexane	7.263	56	367247	42.184	ug/l	95
31) 1,1,1-Trichloroethane	7.170	97	315792	46.815	ug/l	97
35) 1,1-Dichloropropene	7.417	75	284900	48.840	ug/l	96
36) Ethyl Acetate	6.467	43	345762	49.511	ug/l #	91
37) Carbon Tetrachloride	7.398	117	233990	49.253	ug/l	90
38) Methylcyclohexane	8.877	83	337470	50.540	ug/l	96
39) Benzene	7.696	78	1017753	48.449	ug/l	100
40) Methacrylonitrile	6.711	41	233385	53.776	ug/l #	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
 Data File : VR026714.D
 Acq On : 6 Aug 2025 13:29
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

Quant Time: Aug 07 01:09:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.786	62	271625	50.836	ug/l	100
42) Isopropyl Acetate	7.856	43	553708	49.310	ug/l	98
43) Trichloroethene	8.594	130	207124	51.270	ug/l	86
44) 1,2-Dichloropropane	8.912	63	246468	49.580	ug/l	99
45) Dibromomethane	9.008	93	142804	51.653	ug/l	95
46) Bromodichloromethane	9.236	83	292688	54.640	ug/l	94
47) Methyl methacrylate	9.018	41	263798	53.676	ug/l	98
48) 1,4-Dioxane	9.015	88	86042	1086.860	ug/l	98
50) 4-Methyl-2-Pentanone	9.910	43	1725048	294.257	ug/l	97
51) Toluene	10.096	92	586084	54.653	ug/l	99
52) t-1,3-Dichloropropene	10.359	75	268878	51.212	ug/l	95
53) cis-1,3-Dichloropropene	9.734	75	330790	52.527	ug/l	94
54) 1,1,2-Trichloroethane	10.558	97	220695	56.353	ug/l #	90
55) Ethyl methacrylate	10.420	69	369912	57.196	ug/l	100
56) 1,3-Dichloropropane	10.725	76	373505	55.992	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.580	63	101410	283.737	ug/l	97
58) 2-Hexanone	10.786	43	1186349	300.183	ug/l	99
59) Dibromochloromethane	10.947	129	191582	57.803	ug/l	99
60) 1,2-Dibromoethane	11.062	107	191278	56.749	ug/l	99
63) Tetrachloroethene	10.639	164	169109	50.578	ug/l	94
64) Chlorobenzene	11.556	112	639159	50.179	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.646	131	180700	51.939	ug/l	98
66) Ethyl Benzene	11.649	91	1081546	50.852	ug/l	97
67) m/p-Xylenes	11.778	106	873275	102.773	ug/l	100
68) o-Xylene	12.147	106	427663	51.848	ug/l	97
69) Styrene	12.163	104	720031	52.238	ug/l	98
70) Bromoform	12.346	173	109686	55.707	ug/l #	100
72) Isopropylbenzene	12.490	105	1022541	48.008	ug/l	98
73) N-amyl acetate	12.288	43	419330	49.654	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.779	83	310445	49.678	ug/l	99
75) 1,2,3-Trichloropropane	12.833	75	249743m	50.418	ug/l	
76) Bromobenzene	12.805	156	239638	48.617	ug/l	96
77) n-propylbenzene	12.878	91	1276830	50.246	ug/l	100
78) 2-Chlorotoluene	12.975	91	690366	47.884	ug/l	98
79) 1,3,5-Trimethylbenzene	13.039	105	818481	49.141	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.545	75	76221	44.817	ug/l	91
81) 4-Chlorotoluene	13.084	91	705407	47.895	ug/l	98
82) tert-Butylbenzene	13.337	119	751965	49.636	ug/l	98
83) 1,2,4-Trimethylbenzene	13.385	105	837821	50.817	ug/l	98
84) sec-Butylbenzene	13.539	105	1155731	51.441	ug/l	99
85) p-Isopropyltoluene	13.671	119	964419	52.647	ug/l	99
86) 1,3-Dichlorobenzene	13.661	146	494732	51.196	ug/l	99
87) 1,4-Dichlorobenzene	13.754	146	497873	51.331	ug/l	97
88) n-Butylbenzene	14.037	91	880564	52.154	ug/l	99
89) Hexachloroethane	14.338	117	126913	48.246	ug/l	89
90) 1,2-Dichlorobenzene	14.085	146	475076	52.344	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.775	75	42643	51.244	ug/l	98
92) 1,2,4-Trichlorobenzene	15.542	180	299168	55.125	ug/l	98
93) Hexachlorobutadiene	15.664	225	95565	54.196	ug/l	99
94) Naphthalene	15.821	128	952148	57.251	ug/l	99
95) 1,2,3-Trichlorobenzene	16.042	180	296067	57.463	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
Data File : VR026714.D
Acq On : 6 Aug 2025 13:29
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

Quant Time: Aug 07 01:09:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 05 02:27:49 2025
Response via : Initial Calibration

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

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

