

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
 Data File : VR026763.D
 Acq On : 25 Aug 2025 16:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

Quant Time: Aug 25 22:52:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:59:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.407	168	1747951	50.000	ug/l	0.02
33) 1,4-Difluorobenzene	8.405	114	2839325	50.000	ug/l	0.02
62) Chlorobenzene-d5	11.576	117	2293864	50.000	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	13.774	152	759082	50.000	ug/l	0.02

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.786	65	1096473	49.951	ug/l	0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
34) Dibromofluoromethane	7.311	113	926513	50.032	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.060%
49) Toluene-d8	10.087	98	3240720	52.201	ug/l	0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.400%
61) 4-Bromofluorobenzene	12.702	95	916716	52.042	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.827	85	706977	42.802	ug/l	98
3) Chloromethane	1.827	50	83421	42.449	ug/l #	99
4) Vinyl Chloride	2.129	62	1214645	44.691	ug/l	99
5) Bromomethane	2.453	94	310510	37.213	ug/l	100
6) Chloroethane	2.575	64	708822	52.521	ug/l	96
7) Trichlorofluoromethane	2.873	101	2523760	47.902	ug/l	99
8) Diethyl Ether	3.248	74	791615	46.970	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.553	101	1004273	47.703	ug/l	98
10) Methyl Iodide	3.727	142	1097222	49.038	ug/l	99
11) Tert butyl alcohol	4.526	59	786650	233.111	ug/l #	83
12) 1,1-Dichloroethene	3.534	96	1107374	48.471	ug/l	99
13) Acrolein	3.425	56	369098	179.665	ug/l	95
14) Allyl chloride	4.067	41	2089985	49.640	ug/l	100
15) Acrylonitrile	4.673	53	3589791	248.729	ug/l	99
16) Acetone	3.624	43	2666301	229.472	ug/l	100
17) Carbon Disulfide	3.816	76	2660070	47.942	ug/l	99
18) Methyl Acetate	4.080	43	1726769	51.014	ug/l	99
19) Methyl tert-butyl Ether	4.741	73	3762883	51.930	ug/l	97
20) Methylene Chloride	4.269	84	1175638	47.435	ug/l	98
21) trans-1,2-Dichloroethene	4.718	96	1195841	50.063	ug/l	99
22) Diisopropyl ether	5.633	45	4506794	52.031	ug/l	99
23) Vinyl Acetate	5.562	43	14057484	347.707	ug/l #	88
24) 1,1-Dichloroethane	5.504	63	2108793	49.474	ug/l	100
25) 2-Butanone	6.515	43	4597116	254.820	ug/l	97
26) 2,2-Dichloropropane	6.493	77	1612145	55.209	ug/l	99
27) cis-1,2-Dichloroethene	6.502	96	1411054	52.193	ug/l	99
28) Bromochloromethane	6.878	49	545973	43.279	ug/l #	18
29) Chloroform	7.077	83	1991143	51.993	ug/l	99
30) Cyclohexane	7.388	56	2145792	47.738	ug/l	98
31) 1,1,1-Trichloroethane	7.292	97	1662093	53.448	ug/l	99
35) 1,1-Dichloropropene	7.536	75	1494157	51.811	ug/l	99
36) Ethyl Acetate	6.621	43	1844624	49.998	ug/l	99
37) Carbon Tetrachloride	7.513	117	1404652	54.126	ug/l	99
38) Methylcyclohexane	8.957	83	1824510	50.558	ug/l	99
39) Benzene	7.802	78	4804482	54.267	ug/l	94
40) Methacrylonitrile	6.862	41	943330	49.023	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
 Data File : VR026763.D
 Acq On : 25 Aug 2025 16:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

Quant Time: Aug 25 22:52:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:59:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.892	62	1254226	51.093	ug/l	100
42) Isopropyl Acetate	7.956	43	2840843	54.313	ug/l	98
43) Trichloroethene	8.681	130	957593	49.577	ug/l	98
44) 1,2-Dichloropropane	8.986	63	1095373	51.681	ug/l	98
45) Dibromomethane	9.089	93	704568	52.329	ug/l	99
46) Bromodichloromethane	9.307	83	1340077	53.470	ug/l	99
47) Methyl methacrylate	9.095	41	1383482	54.192	ug/l	99
48) 1,4-Dioxane	9.095	88	334340	1019.467	ug/l	99
50) 4-Methyl-2-Pentanone	9.971	43	6776896	323.696	ug/l	92
51) Toluene	10.160	92	2712207	53.648	ug/l	91
52) t-1,3-Dichloropropene	10.411	75	1333673	56.185	ug/l	97
53) cis-1,3-Dichloropropene	9.801	75	1569123	54.488	ug/l	98
54) 1,1,2-Trichloroethane	10.616	97	929650	51.807	ug/l	98
55) Ethyl methacrylate	10.475	69	1687242	54.665	ug/l	100
56) 1,3-Dichloropropane	10.777	76	1585561	52.423	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.641	63	480174	236.162	ug/l	100
58) 2-Hexanone	10.838	43	5098464	288.466	ug/l	93
59) Dibromochloromethane	10.998	129	910922	53.969	ug/l	99
60) 1,2-Dibromoethane	11.117	107	852164	52.545	ug/l	99
63) Tetrachloroethene	10.700	164	777469	48.239	ug/l	96
64) Chlorobenzene	11.604	112	2676534	52.434	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.691	131	914732	53.372	ug/l	100
66) Ethyl Benzene	11.698	91	4756897	55.736	ug/l	86
67) m/p-Xylenes	11.823	106	3992854	111.803	ug/l	88
68) o-Xylene	12.192	106	1928046	53.279	ug/l	91
69) Styrene	12.208	104	3068722	57.627	ug/l	96
70) Bromoform	12.387	173	524458	56.750	ug/l #	100
72) Isopropylbenzene	12.535	105	4273069	51.859	ug/l	94
73) N-amyl acetate	12.330	43	1752060	58.897	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.817	83	1231264	52.201	ug/l	100
75) 1,2,3-Trichloropropane	12.872	75	918445m	49.084	ug/l	
76) Bromobenzene	12.846	156	902034	50.014	ug/l	100
77) n-propylbenzene	12.923	91	4602244	52.099	ug/l	95
78) 2-Chlorotoluene	13.016	91	2752084	52.754	ug/l	98
79) 1,3,5-Trimethylbenzene	13.081	105	3300908	53.647	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.590	75	353944	47.721	ug/l	100
81) 4-Chlorotoluene	13.126	91	2557029	53.495	ug/l	99
82) tert-Butylbenzene	13.379	119	3033709	52.737	ug/l	95
83) 1,2,4-Trimethylbenzene	13.427	105	3096820	55.197	ug/l	97
84) sec-Butylbenzene	13.578	105	3938438	53.228	ug/l	96
85) p-Isopropyltoluene	13.710	119	3140254	54.617	ug/l	97
86) 1,3-Dichlorobenzene	13.703	146	1367941	51.071	ug/l	99
87) 1,4-Dichlorobenzene	13.793	146	1297480	50.279	ug/l	100
88) n-Butylbenzene	14.075	91	2107282	51.296	ug/l	98
89) Hexachloroethane	14.377	117	519203	55.674	ug/l	99
90) 1,2-Dichlorobenzene	14.123	146	1078838	47.961	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.817	75	110421	47.821	ug/l	98
92) 1,2,4-Trichlorobenzene	15.587	180	712278	48.195	ug/l	99
93) Hexachlorobutadiene	15.709	225	226014	46.397	ug/l	99
94) Naphthalene	15.866	128	2033573	48.122	ug/l	100
95) 1,2,3-Trichlorobenzene	16.097	180	693637	48.369	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
Data File : VR026763.D
Acq On : 25 Aug 2025 16:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

Quant Time: Aug 25 22:52:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 21 08:59:04 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
Data File : VR026763.D
Acq On : 25 Aug 2025 16:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 25 22:52:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 21 08:59:04 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

