

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063462.D
 Acq On : 08 Jul 2025 12:53
 Operator : MD/SY
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 09 03:23:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:15:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
 Supervised By :Semsettin Yesilyurt 07/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.360	168	140067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	246301	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	226914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	122563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	36913	20.655	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.320%#		
35) Dibromofluoromethane	5.280	113	31268	21.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.120%#		
50) Toluene-d8	7.888	98	95716	19.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.560%#		
62) 4-Bromofluorobenzene	10.627	95	44258	20.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.820%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	22470	20.171	ug/l	99
3) Chloromethane	1.518	50	25623	21.562	ug/l	99
4) Vinyl Chloride	1.599	62	29966	19.918	ug/l	99
5) Bromomethane	1.846	94	22588	21.429	ug/l	96
6) Chloroethane	1.927	64	20270	22.141	ug/l	98
7) Trichlorofluoromethane	2.129	101	49232	20.284	ug/l	99
8) Diethyl Ether	2.370	74	20360	20.128	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.570	101	28831	20.083	ug/l	96
10) Methyl Iodide	2.708	142	29652	19.774	ug/l	95
11) Tert butyl alcohol	3.190	59	59535	99.360	ug/l	99
12) 1,1-Dichloroethene	2.570	96	26348	19.511	ug/l	98
13) Acrolein	2.480	56	8336	98.564	ug/l	90
14) Allyl chloride	2.910	41	60139	18.439	ug/l	98
15) Acrylonitrile	3.303	53	127388	99.254	ug/l	97
16) Acetone	2.621	43	135442	90.348	ug/l	96
17) Carbon Disulfide	2.779	76	57215	21.537	ug/l	97
18) Methyl Acetate	2.943	43	73558	18.738	ug/l	98
19) Methyl tert-butyl Ether	3.357	73	115459	20.033	ug/l	96
20) Methylene Chloride	3.029	84	34647	19.299	ug/l	97
21) trans-1,2-Dichloroethene	3.335	96	27391	21.475	ug/l	99
22) Diisopropyl ether	3.988	45	106591	19.680	ug/l	90
23) Vinyl Acetate	3.949	43	418727	99.635	ug/l	100
24) 1,1-Dichloroethane	3.853	63	64444	20.965	ug/l	98
25) 2-Butanone	4.705	43	162713	96.686	ug/l	100
26) 2,2-Dichloropropane	4.647	77	54004	19.780	ug/l	98
27) cis-1,2-Dichloroethene	4.653	96	39068	20.616	ug/l	96
28) Bromochloromethane	4.962	49	29367	20.338	ug/l	100
29) Tetrahydrofuran	5.052	42	105792	94.870	ug/l	99
30) Chloroform	5.071	83	66115	20.372	ug/l	99
31) Cyclohexane	5.367	56	49876	20.156	ug/l	96
32) 1,1,1-Trichloroethane	5.299	97	55509	20.088	ug/l	99
36) 1,1-Dichloropropene	5.512	75	40114	19.885	ug/l	98
37) Ethyl Acetate	4.811	43	62247	18.673	ug/l	97
38) Carbon Tetrachloride	5.508	117	43105	19.393	ug/l	98
39) Methylcyclohexane	6.746	83	45532	18.680	ug/l	95
40) Benzene	5.762	78	128411	20.382	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063462.D
 Acq On : 08 Jul 2025 12:53
 Operator : MD/SY
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 09 03:23:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:15:26 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
 Supervised By :Semsettin Yesilyurt 07/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.971	41	29093	19.454	ug/l	92
42) 1,2-Dichloroethane	5.785	62	46959	19.822	ug/l	99
43) Isopropyl Acetate	5.910	43	86022	19.823	ug/l	98
44) Trichloroethene	6.531	130	34083	20.215	ug/l	95
45) 1,2-Dichloropropane	6.782	63	36190	20.663	ug/l	99
46) Dibromomethane	6.907	93	26177	21.007	ug/l	98
47) Bromodichloromethane	7.094	83	53029	20.466	ug/l	99
48) Methyl methacrylate	6.958	41	41071	20.477	ug/l	98
49) 1,4-Dioxane	6.968	88	17692	401.978	ug/l	98
51) 4-Methyl-2-Pentanone	7.785	43	309932	98.676	ug/l	99
52) Toluene	7.962	92	80429	19.518	ug/l	98
53) t-1,3-Dichloropropene	8.203	75	44078	19.440	ug/l	99
54) cis-1,3-Dichloropropene	7.598	75	50744	19.992	ug/l	94
55) 1,1,2-Trichloroethane	8.389	97	35212	20.121	ug/l	94
56) Ethyl methacrylate	8.328	69	55508	19.663	ug/l	98
57) 1,3-Dichloropropane	8.566	76	59356	20.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.467	63	1774m	60.517	ug/l	
59) 2-Hexanone	8.675	43	223886	94.241	ug/l	100
60) Dibromochloromethane	8.801	129	40653	20.736	ug/l	99
61) 1,2-Dibromoethane	8.917	107	34616	20.153	ug/l	97
64) Tetrachloroethene	8.544	164	34991	20.714	ug/l	97
65) Chlorobenzene	9.441	112	93204	19.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	32968	20.363	ug/l	97
67) Ethyl Benzene	9.563	91	163641	20.168	ug/l	99
68) m/p-Xylenes	9.685	106	122151	39.447	ug/l	96
69) o-Xylene	10.090	106	62191	19.754	ug/l	99
70) Styrene	10.106	104	99724	19.921	ug/l	96
71) Bromoform	10.283	173	28401	20.125	ug/l #	99
73) Isopropylbenzene	10.476	105	164307	19.702	ug/l	99
74) N-amyl acetate	10.315	43	68568	18.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	59502	19.383	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	63811	19.648	ug/l #	81
77) Bromobenzene	10.775	156	39797	19.468	ug/l	93
78) n-propylbenzene	10.897	91	192232	19.876	ug/l	100
79) 2-Chlorotoluene	10.978	91	122509	20.197	ug/l	100
80) 1,3,5-Trimethylbenzene	11.081	105	144688	19.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	12333	18.940	ug/l	96
82) 4-Chlorotoluene	11.087	91	138396	20.097	ug/l	98
83) tert-Butylbenzene	11.412	119	138346	19.777	ug/l	97
84) 1,2,4-Trimethylbenzene	11.460	105	139308	19.449	ug/l	99
85) sec-Butylbenzene	11.634	105	185311	20.076	ug/l	98
86) p-Isopropyltoluene	11.785	119	149444	19.956	ug/l	99
87) 1,3-Dichlorobenzene	11.740	146	77972	19.794	ug/l	99
88) 1,4-Dichlorobenzene	11.830	146	79269	19.759	ug/l	98
89) n-Butylbenzene	12.199	91	136310	19.667	ug/l	99
90) Hexachloroethane	12.466	117	23839	19.034	ug/l	100
91) 1,2-Dichlorobenzene	12.206	146	78861	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	14867	20.449	ug/l	96
93) 1,2,4-Trichlorobenzene	13.833	180	49454	20.103	ug/l	99
94) Hexachlorobutadiene	14.013	225	21632	20.571	ug/l	99
95) Naphthalene	14.080	128	153076	19.001	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	47578	19.680	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
Data File : VU063462.D
Acq On : 08 Jul 2025 12:53
Operator : MD/SY
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 03:23:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 09 03:15:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

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

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

