

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031889.D
 Acq On : 17 Jul 2025 15:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/18/2025

Quant Time: Jul 18 02:53:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	197952	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	397272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	359593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163290	57.480	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 114.960%	
35) Dibromofluoromethane	7.898	113	130899	50.494	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.980%	
50) Toluene-d8	10.325	98	487133	50.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.617	95	196324	55.299	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 110.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	77183	57.252	ug/l	95
3) Chloromethane	2.259	50	104796	64.478	ug/l	96
4) Vinyl Chloride	2.411	62	120050	56.196	ug/l	97
5) Bromomethane	2.832	94	80757	48.398	ug/l	99
6) Chloroethane	2.984	64	76820	52.939	ug/l	99
7) Trichlorofluoromethane	3.308	101	103176	53.181	ug/l	100
8) Diethyl Ether	3.728	74	86282	58.527	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	112725	52.347	ug/l	97
10) Methyl Iodide	4.320	142	155506	46.842	ug/l	99
11) Tert butyl alcohol	5.228	59	53524	304.117	ug/l	95
12) 1,1-Dichloroethene	4.082	96	127046	53.862	ug/l	96
13) Acrolein	3.936	56	78630	248.572	ug/l	93
14) Allyl chloride	4.704	41	185144	51.159	ug/l	97
15) Acrylonitrile	5.405	53	215846	297.735	ug/l	99
16) Acetone	4.167	43	160101	228.010	ug/l	99
17) Carbon Disulfide	4.429	76	318296	50.429	ug/l	100
18) Methyl Acetate	4.716	43	99065	49.365	ug/l	100
19) Methyl tert-butyl Ether	5.472	73	246170	61.489	ug/l	99
20) Methylene Chloride	4.960	84	145148	52.094	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	138881	55.413	ug/l	96
22) Diisopropyl ether	6.344	45	436773	61.882	ug/l	96
23) Vinyl Acetate	6.289	43	1606475	333.223	ug/l	99
24) 1,1-Dichloroethane	6.246	63	266763	58.296	ug/l	98
25) 2-Butanone	7.197	43	286251	313.357	ug/l	97
26) 2,2-Dichloropropane	7.185	77	117169	43.886	ug/l	96
27) cis-1,2-Dichloroethene	7.197	96	172773	59.971	ug/l	99
28) Bromochloromethane	7.532	49	117502	58.189	ug/l	100
29) Tetrahydrofuran	7.557	42	200742	320.884	ug/l	100
30) Chloroform	7.697	83	290355	59.715	ug/l	98
31) Cyclohexane	7.971	56	214701	53.079	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	194637	51.943	ug/l	99
36) 1,1-Dichloropropene	8.099	75	191355	51.011	ug/l	99
37) Ethyl Acetate	7.276	43	135890	57.425	ug/l	99
38) Carbon Tetrachloride	8.081	117	182816	47.824	ug/l	99
39) Methylcyclohexane	9.343	83	249093	53.371	ug/l	98
40) Benzene	8.337	78	600080	54.068	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031889.D
 Acq On : 17 Jul 2025 15:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/18/2025

Quant Time: Jul 18 02:53:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	76513	60.357	ug/l	99
42) 1,2-Dichloroethane	8.416	62	207064	55.216	ug/l	98
43) Isopropyl Acetate	8.441	43	243667	59.735	ug/l	100
44) Trichloroethene	9.099	130	134040	48.388	ug/l	90
45) 1,2-Dichloropropane	9.374	63	145608	54.283	ug/l	98
46) Dibromomethane	9.471	93	99297	57.339	ug/l	92
47) Bromodichloromethane	9.654	83	221960	54.657	ug/l	96
48) Methyl methacrylate	9.447	41	116848	58.257	ug/l	96
49) 1,4-Dioxane	9.465	88	25780	1271.049	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	683240	291.343	ug/l	99
52) Toluene	10.392	92	380958	53.611	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	213427	56.015	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	238263	55.162	ug/l	95
55) 1,1,2-Trichloroethane	10.794	97	128559	56.672	ug/l	97
56) Ethyl methacrylate	10.648	69	200548	65.165	ug/l	97
57) 1,3-Dichloropropane	10.934	76	225285	56.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	495239	292.238	ug/l	97
59) 2-Hexanone	10.971	43	478668	301.208	ug/l	98
60) Dibromochloromethane	11.129	129	144438	53.246	ug/l	95
61) 1,2-Dibromoethane	11.239	107	128598	56.628	ug/l	99
64) Tetrachloroethene	10.861	164	104569	44.457	ug/l	90
65) Chlorobenzene	11.660	112	424203	53.467	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	135483	53.587	ug/l	98
67) Ethyl Benzene	11.733	91	741419	53.892	ug/l	97
68) m/p-Xylenes	11.843	106	561112	106.098	ug/l	99
69) o-Xylene	12.166	106	272167	55.582	ug/l	97
70) Styrene	12.178	104	475221	56.138	ug/l	99
71) Bromoform	12.355	173	76822	50.934	ug/l #	97
73) Isopropylbenzene	12.464	105	700466	53.031	ug/l	100
74) N-amyl acetate	12.269	43	223180	62.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	164720	56.172	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	124857m	55.640	ug/l	
77) Bromobenzene	12.745	156	154333	52.388	ug/l	95
78) n-propylbenzene	12.800	91	832453	52.630	ug/l	98
79) 2-Chlorotoluene	12.891	91	510432	53.591	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	584658	53.474	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	51420	53.371	ug/l	99
82) 4-Chlorotoluene	12.989	91	520100	52.012	ug/l	98
83) tert-Butylbenzene	13.202	119	507411	54.179	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	574592	51.868	ug/l	99
85) sec-Butylbenzene	13.379	105	721657	51.337	ug/l	99
86) p-Isopropyltoluene	13.495	119	605288	52.247	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	295772	50.063	ug/l	97
88) 1,4-Dichlorobenzene	13.580	146	296902	49.098	ug/l	96
89) n-Butylbenzene	13.818	91	589305	52.354	ug/l	100
90) Hexachloroethane	14.092	117	104443	49.971	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	280532	51.952	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	30689	53.598	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	170049	51.063	ug/l	100
94) Hexachlorobutadiene	15.232	225	73387	45.636	ug/l	92
95) Naphthalene	15.360	128	499482	61.178	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	161357	52.732	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
Data File : VW031889.D
Acq On : 17 Jul 2025 15:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/18/2025

Quant Time: Jul 18 02:53:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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

