

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047631.D
 Acq On : 18 Sep 2025 11:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:18:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	179219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	321960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	133509	46.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.600%		
35) Dibromofluoromethane	5.373	113	104494	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.634	98	365497	48.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.061	95	135773	47.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	112469	60.603	ug/l	98
3) Chloromethane	1.300	50	133746	54.835	ug/l	100
4) Vinyl Chloride	1.380	62	131332	55.006	ug/l	98
5) Bromomethane	1.617	94	81557	53.868	ug/l	98
6) Chloroethane	1.697	64	82584	51.751	ug/l	100
7) Trichlorofluoromethane	1.892	101	181094	51.083	ug/l	99
8) Diethyl Ether	2.136	74	72148	49.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	105234	50.766	ug/l	99
10) Methyl Iodide	2.453	142	165913	51.320	ug/l	100
11) Tert butyl alcohol	2.940	59	77642	244.375	ug/l	99
12) 1,1-Dichloroethene	2.325	96	108445	50.930	ug/l	94
13) Acrolein	2.233	56	89861	306.922	ug/l	99
14) Allyl chloride	2.666	41	213542	48.600	ug/l	98
15) Acrylonitrile	3.056	53	305844	259.885	ug/l	100
16) Acetone	2.373	43	362257	292.056	ug/l	99
17) Carbon Disulfide	2.514	76	320639	55.006	ug/l	99
18) Methyl Acetate	2.697	43	136380	49.405	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381657	49.101	ug/l	100
20) Methylene Chloride	2.788	84	125318	47.731	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	117420	51.220	ug/l	96
22) Diisopropyl ether	3.751	45	416753	48.941	ug/l	90
23) Vinyl Acetate	3.709	43	1774856	260.421	ug/l	100
24) 1,1-Dichloroethane	3.605	63	222896	49.247	ug/l	100
25) 2-Butanone	4.538	43	422101	272.815	ug/l	97
26) 2,2-Dichloropropane	4.465	77	184735	49.101	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	139251	49.600	ug/l	99
28) Bromochloromethane	4.885	49	100955	51.092	ug/l	99
29) Tetrahydrofuran	4.989	42	246583	264.926	ug/l	99
30) Chloroform	5.080	83	223876	48.949	ug/l	98
31) Cyclohexane	5.458	56	193321	51.284	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	191681	49.409	ug/l	99
36) 1,1-Dichloropropene	5.678	75	152850	48.444	ug/l	99
37) Ethyl Acetate	4.696	43	169417	50.149	ug/l	99
38) Carbon Tetrachloride	5.659	117	165399	48.248	ug/l	99
39) Methylcyclohexane	7.366	83	181893	50.786	ug/l	97
40) Benzene	6.019	78	469333	48.975	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047631.D
 Acq On : 18 Sep 2025 11:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:18:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	87695	50.282	ug/l	98
42) 1,2-Dichloroethane	6.068	62	171157	46.941	ug/l	98
43) Isopropyl Acetate	6.318	43	277550	50.094	ug/l	99
44) Trichloroethene	7.110	130	116097	50.110	ug/l	95
45) 1,2-Dichloropropane	7.415	63	119090	48.532	ug/l	100
46) Dibromomethane	7.562	93	85677	47.980	ug/l	96
47) Bromodichloromethane	7.805	83	176333	47.854	ug/l	99
48) Methyl methacrylate	7.677	41	139596	50.581	ug/l	99
49) 1,4-Dioxane	7.647	88	32682	1171.777	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	793483	258.300	ug/l	100
52) Toluene	8.702	92	290542	49.210	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	184740	49.152	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	199468	49.652	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	110094	48.359	ug/l	99
56) Ethyl methacrylate	9.098	69	183269	51.260	ug/l	98
57) 1,3-Dichloropropane	9.293	76	193940	49.591	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	431737	252.582	ug/l	99
59) 2-Hexanone	9.415	43	586823	265.979	ug/l	99
60) Dibromochloromethane	9.506	129	129710	49.448	ug/l	99
61) 1,2-Dibromoethane	9.592	107	117208	50.547	ug/l	99
64) Tetrachloroethene	9.256	164	92448	49.688	ug/l	99
65) Chlorobenzene	10.061	112	315492	48.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	108173	48.347	ug/l	99
67) Ethyl Benzene	10.177	91	553172	49.445	ug/l	99
68) m/p-Xylenes	10.287	106	414989	99.659	ug/l	99
69) o-Xylene	10.622	106	201624	50.060	ug/l	98
70) Styrene	10.640	104	347448	49.233	ug/l	99
71) Bromoform	10.780	173	82158	49.177	ug/l #	99
73) Isopropylbenzene	10.945	105	512701	49.191	ug/l	100
74) N-amyl acetate	10.823	43	242616	51.046	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	157103	49.820	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	125555m	45.234	ug/l	
77) Bromobenzene	11.183	156	125074	48.723	ug/l	99
78) n-propylbenzene	11.286	91	606998	49.266	ug/l	100
79) 2-Chlorotoluene	11.347	91	366809	48.608	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	422419	49.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	54108	49.711	ug/l	98
82) 4-Chlorotoluene	11.439	91	431570	48.423	ug/l	100
83) tert-Butylbenzene	11.695	119	422068	48.149	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	426742	49.155	ug/l	100
85) sec-Butylbenzene	11.872	105	512794	49.250	ug/l	100
86) p-Isopropyltoluene	11.994	119	427348	48.480	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	230147	48.269	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	231259	47.257	ug/l	100
89) n-Butylbenzene	12.311	91	406198	49.801	ug/l	99
90) Hexachloroethane	12.518	117	75994	49.103	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	222095	48.892	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	32697	51.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	145730	49.362	ug/l	99
94) Hexachlorobutadiene	13.707	225	49085	48.949	ug/l	99
95) Naphthalene	13.756	128	453760	50.475	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	134546	48.993	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
Data File : VX047631.D
Acq On : 18 Sep 2025 11:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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_X\Data\VX091825\
Data File : VX047631.D
Acq On : 18 Sep 2025 11:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/19/2025
Supervised By : Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

