

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047744.D
 Acq On : 23 Sep 2025 19:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 01:38:58 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 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	149304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	270355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116606	49.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.140%		
35) Dibromofluoromethane	5.379	113	90861	50.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.220%		
50) Toluene-d8	8.634	98	307967	49.087	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.180%		
62) 4-Bromofluorobenzene	11.061	95	117402	49.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	94404	61.061	ug/l	97
3) Chloromethane	1.300	50	117058	57.609	ug/l	98
4) Vinyl Chloride	1.380	62	115926	58.282	ug/l	100
5) Bromomethane	1.617	94	74054	58.713	ug/l	99
6) Chloroethane	1.697	64	75449	56.753	ug/l	97
7) Trichlorofluoromethane	1.898	101	163767	55.451	ug/l	99
8) Diethyl Ether	2.136	74	65417	54.148	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	95418	55.254	ug/l	99
10) Methyl Iodide	2.459	142	145088	53.870	ug/l	100
11) Tert butyl alcohol	2.946	59	61154	231.046	ug/l	100
12) 1,1-Dichloroethene	2.325	96	98052	55.275	ug/l	96
13) Acrolein	2.239	56	68714	281.718	ug/l	98
14) Allyl chloride	2.666	41	185829	50.766	ug/l	97
15) Acrylonitrile	3.062	53	282724	288.375	ug/l	99
16) Acetone	2.373	43	220076	212.978	ug/l	100
17) Carbon Disulfide	2.520	76	272927	56.202	ug/l	99
18) Methyl Acetate	2.703	43	130811	56.883	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	349001	53.896	ug/l	99
20) Methylene Chloride	2.794	84	119000	54.405	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	106771	55.907	ug/l	99
22) Diisopropyl ether	3.757	45	386641	54.502	ug/l	98
23) Vinyl Acetate	3.715	43	1566296	275.867	ug/l	100
24) 1,1-Dichloroethane	3.611	63	205496	54.500	ug/l	99
25) 2-Butanone	4.544	43	330135	256.128	ug/l	97
26) 2,2-Dichloropropane	4.471	77	130530	41.645	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	128773	55.058	ug/l	95
28) Bromochloromethane	4.891	49	86403	52.489	ug/l	99
29) Tetrahydrofuran	4.995	42	217984	281.124	ug/l	98
30) Chloroform	5.086	83	207673	54.504	ug/l	97
31) Cyclohexane	5.458	56	164278	52.311	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	171647	53.110	ug/l	99
36) 1,1-Dichloropropene	5.684	75	134570	50.792	ug/l	99
37) Ethyl Acetate	4.702	43	146380	51.600	ug/l	99
38) Carbon Tetrachloride	5.672	117	141128	49.026	ug/l	93
39) Methylcyclohexane	7.366	83	153808	51.142	ug/l	99
40) Benzene	6.025	78	428760	53.282	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047744.D
 Acq On : 23 Sep 2025 19:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 01:38:58 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 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	79236	54.104	ug/l	98
42) 1,2-Dichloroethane	6.074	62	157471	51.431	ug/l	98
43) Isopropyl Acetate	6.324	43	243453	52.327	ug/l	99
44) Trichloroethene	7.110	130	104230	53.576	ug/l	94
45) 1,2-Dichloropropane	7.415	63	110894	53.818	ug/l	99
46) Dibromomethane	7.568	93	79627	53.104	ug/l	97
47) Bromodichloromethane	7.805	83	164232	53.077	ug/l	96
48) Methyl methacrylate	7.677	41	121164	52.283	ug/l	98
49) 1,4-Dioxane	7.647	88	28012	1196.046	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	703728	272.809	ug/l	100
52) Toluene	8.702	92	263320	53.113	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	159381	50.499	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	173466	51.421	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	104553	54.692	ug/l	98
56) Ethyl methacrylate	9.104	69	163467	54.448	ug/l	96
57) 1,3-Dichloropropane	9.293	76	179171	54.560	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	360369	251.172	ug/l	100
59) 2-Hexanone	9.415	43	483347	260.895	ug/l	99
60) Dibromochloromethane	9.506	129	119117	54.078	ug/l	99
61) 1,2-Dibromoethane	9.592	107	106971	54.937	ug/l	100
64) Tetrachloroethene	9.262	164	82104	51.765	ug/l	96
65) Chlorobenzene	10.061	112	288305	52.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	98820	51.810	ug/l	98
67) Ethyl Benzene	10.177	91	491426	51.527	ug/l	99
68) m/p-Xylenes	10.287	106	367469	103.518	ug/l	99
69) o-Xylene	10.628	106	180297	52.511	ug/l	98
70) Styrene	10.640	104	317529	52.779	ug/l	99
71) Bromoform	10.780	173	74197	52.097	ug/l #	100
73) Isopropylbenzene	10.945	105	453473	49.722	ug/l	99
74) N-amyl acetate	10.829	43	210798	50.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	143186	51.892	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	127852m	52.639	ug/l	
77) Bromobenzene	11.183	156	112329	50.007	ug/l	98
78) n-propylbenzene	11.286	91	533484	49.483	ug/l	99
79) 2-Chlorotoluene	11.347	91	324017	49.069	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	370433	49.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	44224	46.433	ug/l	97
82) 4-Chlorotoluene	11.439	91	386898	49.610	ug/l	99
83) tert-Butylbenzene	11.695	119	373585	48.704	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	376730	49.591	ug/l	100
85) sec-Butylbenzene	11.872	105	445326	48.878	ug/l	100
86) p-Isopropyltoluene	11.994	119	373936	48.479	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	205631	49.286	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	207463	48.449	ug/l	98
89) n-Butylbenzene	12.317	91	345737	48.442	ug/l	98
90) Hexachloroethane	12.518	117	65317	48.232	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	198557	49.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27323	48.908	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	123384	47.762	ug/l	98
94) Hexachlorobutadiene	13.707	225	39729	45.277	ug/l	99
95) Naphthalene	13.756	128	389975	49.575	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	118608	49.357	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
Data File : VX047744.D
Acq On : 23 Sep 2025 19:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 01:38:58 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

