

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047894.D
 Acq On : 29 Sep 2025 18:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 01:26:11 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)

Internal Standards						
1) Pentafluorobenzene	5.537	168	141754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	256996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113890	50.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.940%			
35) Dibromofluoromethane	5.379	113	89329	51.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	8.634	98	300072	50.315	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.061	95	114868	50.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.178	85	82921	56.490	ug/l	98
3) Chloromethane	1.300	50	98786	51.206	ug/l	99
4) Vinyl Chloride	1.380	62	102586	54.322	ug/l	98
5) Bromomethane	1.617	94	64989	54.270	ug/l	97
6) Chloroethane	1.697	64	67958	53.841	ug/l	98
7) Trichlorofluoromethane	1.898	101	150252	53.585	ug/l	97
8) Diethyl Ether	2.136	74	60575	52.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	87751	53.520	ug/l	99
10) Methyl Iodide	2.459	142	117956	46.129	ug/l	99
11) Tert butyl alcohol	2.946	59	61349	244.127	ug/l	100
12) 1,1-Dichloroethene	2.325	96	88942	52.810	ug/l	98
13) Acrolein	2.239	56	58194	251.295	ug/l	99
14) Allyl chloride	2.666	41	170065	48.934	ug/l	96
15) Acrylonitrile	3.062	53	270465	290.564	ug/l	98
16) Acetone	2.380	43	210611	214.674	ug/l	96
17) Carbon Disulfide	2.520	76	234301	50.818	ug/l	99
18) Methyl Acetate	2.703	43	136014	62.295	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	324624	52.801	ug/l	99
20) Methylene Chloride	2.788	84	110575	53.246	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	95790	52.828	ug/l	97
22) Diisopropyl ether	3.751	45	360539	53.529	ug/l #	79
23) Vinyl Acetate	3.715	43	1435645	266.323	ug/l	99
24) 1,1-Dichloroethane	3.611	63	191596	53.520	ug/l	99
25) 2-Butanone	4.544	43	322082	263.189	ug/l	99
26) 2,2-Dichloropropane	4.471	77	113858	38.261	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	118553	53.388	ug/l	95
28) Bromochloromethane	4.891	49	85236	54.538	ug/l	99
29) Tetrahydrofuran	4.995	42	204612	277.934	ug/l	99
30) Chloroform	5.086	83	197448	54.580	ug/l	100
31) Cyclohexane	5.464	56	141936	47.604	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	161369	52.589	ug/l	100
36) 1,1-Dichloropropene	5.684	75	122842	48.775	ug/l	98
37) Ethyl Acetate	4.702	43	139441	51.710	ug/l	98
38) Carbon Tetrachloride	5.665	117	137555	50.268	ug/l	97
39) Methylcyclohexane	7.366	83	134800	47.152	ug/l	97
40) Benzene	6.025	78	396956	51.894	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047894.D
 Acq On : 29 Sep 2025 18:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 30 01:26:11 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 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	74620	53.601	ug/l	99
42) 1,2-Dichloroethane	6.074	62	147288	50.606	ug/l	98
43) Isopropyl Acetate	6.324	43	224358	50.730	ug/l	99
44) Trichloroethene	7.110	130	95061	51.403	ug/l	99
45) 1,2-Dichloropropane	7.415	63	103926	53.058	ug/l	98
46) Dibromomethane	7.568	93	75055	52.657	ug/l	98
47) Bromodichloromethane	7.805	83	155440	52.847	ug/l	98
48) Methyl methacrylate	7.677	41	116118	52.710	ug/l	97
49) 1,4-Dioxane	7.653	88	27191	1221.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	679506	277.112	ug/l	100
52) Toluene	8.702	92	241599	51.265	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	147217	49.069	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	159099	49.614	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	97671	53.747	ug/l	98
56) Ethyl methacrylate	9.104	69	152310	53.369	ug/l	97
57) 1,3-Dichloropropane	9.293	76	168581	54.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	376121	274.070	ug/l	100
59) 2-Hexanone	9.415	43	465582	264.369	ug/l	98
60) Dibromochloromethane	9.506	129	114768	54.812	ug/l	99
61) 1,2-Dibromoethane	9.592	107	101423	54.796	ug/l	100
64) Tetrachloroethene	9.256	164	75672	50.266	ug/l	98
65) Chlorobenzene	10.061	112	268830	51.242	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	95467	52.734	ug/l	99
67) Ethyl Benzene	10.177	91	453059	50.050	ug/l	99
68) m/p-Xylenes	10.287	106	343431	101.931	ug/l	97
69) o-Xylene	10.628	106	166251	51.015	ug/l	99
70) Styrene	10.640	104	296064	51.849	ug/l	98
71) Bromoform	10.780	173	73079	54.061	ug/l #	98
73) Isopropylbenzene	10.945	105	421544	47.432	ug/l	99
74) N-amyl acetate	10.829	43	194666	48.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	139335	51.820	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	122245m	51.650	ug/l	
77) Bromobenzene	11.183	156	106374	48.598	ug/l	97
78) n-propylbenzene	11.286	91	500518	47.642	ug/l	100
79) 2-Chlorotoluene	11.347	91	303228	47.125	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	348489	47.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	40190	43.303	ug/l	98
82) 4-Chlorotoluene	11.439	91	360882	47.487	ug/l	99
83) tert-Butylbenzene	11.695	119	347894	46.544	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	353530	47.757	ug/l	100
85) sec-Butylbenzene	11.872	105	416252	46.884	ug/l	100
86) p-Isopropyltoluene	11.994	119	350486	46.630	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	193973	47.710	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	197037	47.220	ug/l	99
89) n-Butylbenzene	12.317	91	319474	45.935	ug/l	98
90) Hexachloroethane	12.518	117	62717	47.526	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	187886	48.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26226	48.175	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	113275	44.998	ug/l	97
94) Hexachlorobutadiene	13.707	225	37447	43.795	ug/l	98
95) Naphthalene	13.756	128	370931	48.390	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	109453	46.742	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
Data File : VX047894.D
Acq On : 29 Sep 2025 18:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 01:26:11 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

