

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047950.D
 Acq On : 01 Oct 2025 18:38
 Operator : JC/MD
 Sample : Q3193-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20250923MSD

Quant Time: Oct 03 01:28:50 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 10/03/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	130403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	238258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109304	52.659	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.320%			
35) Dibromofluoromethane	5.373	113	84783	53.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	8.635	98	290229	52.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.980%			
62) 4-Bromofluorobenzene	11.061	95	110376	52.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	66166	48.999	ug/l	94
3) Chloromethane	1.301	50	82422	46.442	ug/l	99
4) Vinyl Chloride	1.380	62	84533	48.659	ug/l	98
5) Bromomethane	1.612	94	53212	48.304	ug/l	97
6) Chloroethane	1.691	64	55625	47.906	ug/l	99
7) Trichlorofluoromethane	1.898	101	126197	48.923	ug/l	99
8) Diethyl Ether	2.136	74	53194	50.412	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	72752	48.235	ug/l	98
10) Methyl Iodide	2.459	142	102873	43.733	ug/l	100
11) Tert butyl alcohol	2.947	59	57745	249.788	ug/l	99
12) 1,1-Dichloroethene	2.325	96	74483	48.074	ug/l	95
13) Acrolein	2.239	56	51943	243.826	ug/l	99
14) Allyl chloride	2.666	41	133771	41.842	ug/l	97
15) Acrylonitrile	3.062	53	237074	276.861	ug/l	98
16) Acetone	2.374	43	191277	211.938	ug/l	100
17) Carbon Disulfide	2.514	76	190551	44.926	ug/l	99
18) Methyl Acetate	2.703	43	84951	42.295	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	283904	50.198	ug/l	100
20) Methylene Chloride	2.788	84	93302	48.839	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	81059	48.595	ug/l	96
22) Diisopropyl ether	3.751	45	310330	50.085	ug/l	99
23) Vinyl Acetate	3.715	43	891723	179.821	ug/l	100
24) 1,1-Dichloroethane	3.605	63	166350	50.512	ug/l	99
25) 2-Butanone	4.544	43	292554	259.869	ug/l	99
26) 2,2-Dichloropropane	4.465	77	51357	18.760	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	101724	49.797	ug/l	92
28) Bromochloromethane	4.885	49	74572	51.868	ug/l	99
29) Tetrahydrofuran	4.995	42	184209	272.000	ug/l	99
30) Chloroform	5.087	83	171178	51.437	ug/l	99
31) Cyclohexane	5.458	56	122547	44.679	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	141212	50.026	ug/l	100
36) 1,1-Dichloropropene	5.684	75	108217	46.348	ug/l	99
37) Ethyl Acetate	4.702	43	94235	37.694	ug/l	100
38) Carbon Tetrachloride	5.672	117	118724	46.799	ug/l	99
39) Methylcyclohexane	7.367	83	111912	42.224	ug/l	98
40) Benzene	6.025	78	347041	48.936	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047950.D
 Acq On : 01 Oct 2025 18:38
 Operator : JC/MD
 Sample : Q3193-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20250923MSD

Quant Time: Oct 03 01:28:50 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 10/03/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	67444	52.256	ug/l	99
42) 1,2-Dichloroethane	6.074	62	131812	48.850	ug/l	99
43) Isopropyl Acetate	6.324	43	171409	41.805	ug/l	99
44) Trichloroethene	7.111	130	82562	48.155	ug/l	96
45) 1,2-Dichloropropane	7.415	63	91907	50.612	ug/l	99
46) Dibromomethane	7.568	93	65794	49.790	ug/l	97
47) Bromodichloromethane	7.806	83	138717	50.871	ug/l	99
48) Methyl methacrylate	7.678	41	102283	50.081	ug/l	98
49) 1,4-Dioxane	7.647	88	24786	1200.873	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	620097	272.773	ug/l	100
52) Toluene	8.702	92	214913	49.189	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	119225	42.865	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	125574	42.239	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	89687	53.235	ug/l	98
56) Ethyl methacrylate	9.104	69	135413	51.180	ug/l	98
57) 1,3-Dichloropropane	9.293	76	152638	52.742	ug/l	99
59) 2-Hexanone	9.415	43	431515	264.296	ug/l	99
60) Dibromochloromethane	9.506	129	102603	52.856	ug/l	99
61) 1,2-Dibromoethane	9.592	107	91070	53.072	ug/l	99
64) Tetrachloroethene	9.256	164	63893	44.674	ug/l	98
65) Chlorobenzene	10.061	112	241281	48.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	86085	50.052	ug/l	100
67) Ethyl Benzene	10.177	91	408915	47.549	ug/l	99
68) m/p-Xylenes	10.287	106	305843	95.548	ug/l	97
69) o-Xylene	10.622	106	147434	47.620	ug/l	100
70) Styrene	10.640	104	263713	48.612	ug/l	99
71) Bromoform	10.781	173	67158	52.294	ug/l #	97
73) Isopropylbenzene	10.945	105	378611	45.680	ug/l	99
74) N-amyl acetate	10.829	43	130534	34.536	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	127200	50.725	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	110036m	49.851	ug/l	
77) Bromobenzene	11.183	156	95003	46.539	ug/l	97
78) n-propylbenzene	11.287	91	443409	45.255	ug/l	99
79) 2-Chlorotoluene	11.348	91	275505	45.910	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	311235	45.705	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	28646	33.095	ug/l	99
82) 4-Chlorotoluene	11.433	91	324041	45.720	ug/l	100
83) tert-Butylbenzene	11.695	119	319186	45.788	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	318257	46.098	ug/l	100
85) sec-Butylbenzene	11.872	105	373260	45.080	ug/l	100
86) p-Isopropyltoluene	11.988	119	311701	44.466	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	174955	46.142	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	176328	45.310	ug/l	99
89) n-Butylbenzene	12.311	91	282629	43.574	ug/l	98
90) Hexachloroethane	12.518	117	57934	47.073	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	171262	47.410	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	24849	48.944	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	102687	43.739	ug/l	98
94) Hexachlorobutadiene	13.707	225	32725	41.038	ug/l	99
95) Naphthalene	13.756	128	343048	47.986	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	100023	45.801	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
Data File : VX047950.D
Acq On : 01 Oct 2025 18:38
Operator : JC/MD
Sample : Q3193-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923MSD

Manual Integrations
APPROVED

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

Quant Time: Oct 03 01:28:50 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						

