

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047628.D
 Acq On : 17 Sep 2025 18:40
 Operator : JC/MD
 Sample : Q3095-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20250909MSD

Quant Time: Sep 18 02:09:30 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 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	155487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	290897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	133581	53.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.940%			
35) Dibromofluoromethane	5.379	113	100277	51.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.634	98	347403	51.463	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.061	95	134008	52.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	66121	41.067	ug/l	100
3) Chloromethane	1.300	50	93104	43.998	ug/l	99
4) Vinyl Chloride	1.380	62	95035	45.879	ug/l	99
5) Bromomethane	1.617	94	63812	48.581	ug/l	98
6) Chloroethane	1.697	64	63329	45.742	ug/l	99
7) Trichlorofluoromethane	1.898	101	137321	44.648	ug/l	98
8) Diethyl Ether	2.136	74	63370	50.367	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	80446	44.731	ug/l	98
10) Methyl Iodide	2.459	142	129836	46.290	ug/l	100
11) Tert butyl alcohol	2.946	59	76575	277.803	ug/l	100
12) 1,1-Dichloroethene	2.325	96	87945	47.606	ug/l	96
13) Acrolein	2.239	56	92671	364.830	ug/l	98
14) Allyl chloride	2.666	41	181335	47.569	ug/l	97
15) Acrylonitrile	3.056	53	297042	290.931	ug/l	99
16) Acetone	2.373	43	236999	220.235	ug/l	100
17) Carbon Disulfide	2.520	76	217758	43.058	ug/l	98
18) Methyl Acetate	2.703	43	141359	59.025	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	352536	52.277	ug/l	99
20) Methylene Chloride	2.788	84	110515	48.517	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	96358	48.448	ug/l	99
22) Diisopropyl ether	3.757	45	378389	51.218	ug/l	98
23) Vinyl Acetate	3.715	43	1484751	251.106	ug/l	99
24) 1,1-Dichloroethane	3.605	63	218234	55.577	ug/l	98
25) 2-Butanone	4.544	43	368532	274.548	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131521	40.293	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	129152	53.024	ug/l	96
28) Bromochloromethane	4.885	49	96180	56.105	ug/l	100
29) Tetrahydrofuran	4.995	42	233459	289.109	ug/l	99
30) Chloroform	5.086	83	204242	51.472	ug/l	99
31) Cyclohexane	5.464	56	144446	44.167	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	167974	49.907	ug/l	99
36) 1,1-Dichloropropene	5.684	75	123652	43.375	ug/l	97
37) Ethyl Acetate	4.702	43	154573	50.641	ug/l	99
38) Carbon Tetrachloride	5.672	117	136341	44.018	ug/l	96
39) Methylcyclohexane	7.366	83	137131	42.377	ug/l	99
40) Benzene	6.025	78	414655	47.890	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047628.D
 Acq On : 17 Sep 2025 18:40
 Operator : JC/MD
 Sample : Q3095-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20250909MSD

Quant Time: Sep 18 02:09:30 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 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	83930	53.262	ug/l	97
42) 1,2-Dichloroethane	6.074	62	159558	48.433	ug/l	100
43) Isopropyl Acetate	6.324	43	253264	50.592	ug/l	98
44) Trichloroethene	7.116	130	103396	49.394	ug/l	97
45) 1,2-Dichloropropane	7.415	63	109025	49.175	ug/l	98
46) Dibromomethane	7.568	93	79332	49.171	ug/l	97
47) Bromodichloromethane	7.805	83	162195	48.717	ug/l	98
48) Methyl methacrylate	7.677	41	132337	53.072	ug/l	99
49) 1,4-Dioxane	7.647	88	32226	1278.808	ug/l	99
51) 4-Methyl-2-Pentanone	8.561	43	789521	284.455	ug/l	99
52) Toluene	8.702	92	255317	47.862	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	164192	48.349	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	174198	47.992	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	104353	50.732	ug/l	99
56) Ethyl methacrylate	9.104	69	173371	53.669	ug/l	98
57) 1,3-Dichloropropane	9.293	76	183956	52.061	ug/l	98
59) 2-Hexanone	9.415	43	549720	275.768	ug/l	99
60) Dibromochloromethane	9.506	129	121012	51.059	ug/l	98
61) 1,2-Dibromoethane	9.592	107	108335	51.709	ug/l	100
64) Tetrachloroethene	9.262	164	77878	46.119	ug/l	95
65) Chlorobenzene	10.061	112	285189	48.462	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	98819	48.663	ug/l	98
67) Ethyl Benzene	10.177	91	486856	47.949	ug/l	100
68) m/p-Xylenes	10.287	106	362550	95.931	ug/l	100
69) o-Xylene	10.628	106	176754	48.354	ug/l	100
70) Styrene	10.640	104	316465	49.409	ug/l	99
71) Bromoform	10.787	173	78589	51.830	ug/l #	99
73) Isopropylbenzene	10.945	105	449867	48.178	ug/l	99
74) N-amyl acetate	10.829	43	216946	50.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	152121	53.847	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	117727m	47.342	ug/l	
77) Bromobenzene	11.183	156	115807	50.356	ug/l	98
78) n-propylbenzene	11.286	91	530672	48.076	ug/l	100
79) 2-Chlorotoluene	11.347	91	330607	48.902	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	369096	48.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	47527	48.739	ug/l	100
82) 4-Chlorotoluene	11.439	91	388138	48.610	ug/l	100
83) tert-Butylbenzene	11.695	119	379925	48.378	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	381199	49.011	ug/l	99
85) sec-Butylbenzene	11.872	105	444945	47.699	ug/l	100
86) p-Isopropyltoluene	11.994	119	373314	47.272	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	208330	48.771	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	208864	47.641	ug/l	99
89) n-Butylbenzene	12.317	91	342525	46.874	ug/l	99
90) Hexachloroethane	12.518	117	66310	47.825	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	203287	49.953	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	31331	54.777	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	127016	48.023	ug/l	97
94) Hexachlorobutadiene	13.707	225	40432	45.005	ug/l	98
95) Naphthalene	13.756	128	429630	53.345	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	122153	49.649	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
Data File : VX047628.D
Acq On : 17 Sep 2025 18:40
Operator : JC/MD
Sample : Q3095-07MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20250909MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 02:09:30 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						

