

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046120.D
 Acq On : 09 May 2025 17:10
 Operator : JC/MD
 Sample : Q1993-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20250508MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:17:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	86597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82850	51.318	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	5.385	113	56766	51.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.280%			
50) Toluene-d8	8.646	98	194923	50.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.079	95	75516	51.247	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72101	54.398	ug/l	97
3) Chloromethane	1.306	50	68987	53.673	ug/l	99
4) Vinyl Chloride	1.373	62	62452	52.207	ug/l	98
5) Bromomethane	1.599	94	27184	48.994	ug/l	95
6) Chloroethane	1.672	64	38062	59.602	ug/l	95
7) Trichlorofluoromethane	1.879	101	95791	54.182	ug/l	99
8) Diethyl Ether	2.135	74	31452	52.260	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.324	101	55930	51.120	ug/l	98
10) Methyl Iodide	2.446	142	72169	55.746	ug/l	100
11) Tert butyl alcohol	2.971	59	56286	248.372	ug/l	99
12) 1,1-Dichloroethene	2.312	96	53442	52.046	ug/l	95
13) Acrolein	2.233	56	79902	309.597	ug/l	99
14) Allyl chloride	2.660	41	107021	54.534	ug/l	98
15) Acrylonitrile	3.062	53	172117	265.611	ug/l	98
16) Acetone	2.379	43	163355	252.357	ug/l	100
17) Carbon Disulfide	2.507	76	138063	56.714	ug/l	99
18) Methyl Acetate	2.702	43	76041	50.623	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	193936	53.871	ug/l	99
20) Methylene Chloride	2.782	84	61380	49.481	ug/l	95
21) trans-1,2-Dichloroethene	3.086	96	54509	52.787	ug/l	97
22) Diisopropyl ether	3.763	45	206626	54.508	ug/l	91
23) Vinyl Acetate	3.720	43	894331	268.238	ug/l	100
24) 1,1-Dichloroethane	3.605	63	113417	53.717	ug/l	99
25) 2-Butanone	4.556	43	249070	265.034	ug/l	97
26) 2,2-Dichloropropane	4.470	77	75638	45.770	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	66310	53.342	ug/l	98
28) Bromochloromethane	4.891	49	53960	53.094	ug/l	100
29) Tetrahydrofuran	5.001	42	156768	266.214	ug/l	100
30) Chloroform	5.086	83	118786	53.977	ug/l	97
31) Cyclohexane	5.464	56	101541	52.776	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	103346	54.174	ug/l	99
36) 1,1-Dichloropropene	5.690	75	77218	51.780	ug/l	99
37) Ethyl Acetate	4.714	43	92181	50.031	ug/l	100
38) Carbon Tetrachloride	5.671	117	88081	52.568	ug/l	98
39) Methylcyclohexane	7.378	83	96121	50.066	ug/l	97
40) Benzene	6.031	78	230961	52.875	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046120.D
 Acq On : 09 May 2025 17:10
 Operator : JC/MD
 Sample : Q1993-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20250508MSD

Quant Time: May 09 23:17:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	54503	56.549	ug/l	99
42) 1,2-Dichloroethane	6.080	62	99889	52.985	ug/l	99
43) Isopropyl Acetate	6.336	43	150499	53.543	ug/l	99
44) Trichloroethene	7.122	130	54203	51.557	ug/l	97
45) 1,2-Dichloropropane	7.427	63	59777	55.036	ug/l	98
46) Dibromomethane	7.580	93	45266	52.840	ug/l	99
47) Bromodichloromethane	7.817	83	91012	53.941	ug/l	98
48) Methyl methacrylate	7.689	41	79461	55.355	ug/l	99
49) 1,4-Dioxane	7.659	88	25899	950.208	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	507057	271.769	ug/l	99
52) Toluene	8.713	92	143269	53.490	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	81571	54.391	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	89591	54.050	ug/l	96
55) 1,1,2-Trichloroethane	9.146	97	56634	53.625	ug/l	98
56) Ethyl methacrylate	9.116	69	95230	56.576	ug/l	98
57) 1,3-Dichloropropane	9.305	76	99699	52.565	ug/l	98
59) 2-Hexanone	9.427	43	380074	275.345	ug/l	100
60) Dibromochloromethane	9.518	129	64439	55.558	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59567	54.266	ug/l	99
64) Tetrachloroethene	9.268	164	46770	47.643	ug/l	97
65) Chlorobenzene	10.079	112	153983	50.706	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	53370	51.467	ug/l	100
67) Ethyl Benzene	10.189	91	278736	52.071	ug/l	99
68) m/p-Xylenes	10.299	106	203238	103.807	ug/l	98
69) o-Xylene	10.640	106	100643	52.729	ug/l	96
70) Styrene	10.652	104	168268	53.817	ug/l	99
71) Bromoform	10.798	173	41102	52.794	ug/l #	97
73) Isopropylbenzene	10.957	105	268947	53.059	ug/l	99
74) N-amyl acetate	10.841	43	135505	54.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91901	51.737	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	78918m	50.357	ug/l	
77) Bromobenzene	11.195	156	61162	51.973	ug/l	98
78) n-propylbenzene	11.298	91	314166	53.305	ug/l	100
79) 2-Chlorotoluene	11.359	91	193821	50.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	226104	53.394	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22854	47.477	ug/l	98
82) 4-Chlorotoluene	11.451	91	222536	52.787	ug/l	100
83) tert-Butylbenzene	11.713	119	226169	53.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	229404	53.494	ug/l	99
85) sec-Butylbenzene	11.890	105	279485	53.364	ug/l	99
86) p-Isopropyltoluene	12.006	119	231683	53.592	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111143	51.750	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	111422	50.800	ug/l	100
89) n-Butylbenzene	12.329	91	204082	53.818	ug/l	100
90) Hexachloroethane	12.536	117	39471	51.825	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	113212	52.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21149	53.745	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	64961	52.479	ug/l	99
94) Hexachlorobutadiene	13.725	225	28205	52.171	ug/l	97
95) Naphthalene	13.774	128	240806	53.041	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	67774	53.062	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
Data File : VX046120.D
Acq On : 09 May 2025 17:10
Operator : JC/MD
Sample : Q1993-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:17:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

