

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047799.D
 Acq On : 25 Sep 2025 10:42
 Operator : JC/MD
 Sample : VX0925WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 01:23:28 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	5.531	168	154195	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	270430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	118188	48.154	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.367	113	91410	50.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.800%		
50) Toluene-d8	8.634	98	311609	49.654	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.300%		
62) 4-Bromofluorobenzene	11.061	95	119589	50.212	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	33701	21.107	ug/l	99
3) Chloromethane	1.300	50	40745	19.416	ug/l	96
4) Vinyl Chloride	1.380	62	40553	19.741	ug/l	100
5) Bromomethane	1.617	94	26689	20.489	ug/l	98
6) Chloroethane	1.697	64	26439	19.257	ug/l	99
7) Trichlorofluoromethane	1.892	101	58148	19.064	ug/l	95
8) Diethyl Ether	2.136	74	23586	18.904	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	35944	20.154	ug/l	99
10) Methyl Iodide	2.453	142	50570	18.181	ug/l	99
11) Tert butyl alcohol	2.940	59	26337	96.347	ug/l	99
12) 1,1-Dichloroethene	2.325	96	35045	19.129	ug/l	96
13) Acrolein	2.233	56	24609	97.693	ug/l	97
14) Allyl chloride	2.660	41	67188	17.773	ug/l	97
15) Acrylonitrile	3.056	53	109582	108.227	ug/l	98
16) Acetone	2.373	43	91902	86.117	ug/l	98
17) Carbon Disulfide	2.514	76	95438	19.029	ug/l	99
18) Methyl Acetate	2.696	43	51624	21.736	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	126834	18.966	ug/l	98
20) Methylene Chloride	2.788	84	43852	19.413	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	38151	19.343	ug/l	96
22) Diisopropyl ether	3.745	45	141110	19.260	ug/l #	78
23) Vinyl Acetate	3.708	43	566384	96.591	ug/l	100
24) 1,1-Dichloroethane	3.599	63	74845	19.220	ug/l	99
25) 2-Butanone	4.538	43	134557	101.082	ug/l	99
26) 2,2-Dichloropropane	4.464	77	56934	17.589	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	46681	19.326	ug/l	96
28) Bromochloromethane	4.879	49	32092	18.877	ug/l	98
29) Tetrahydrofuran	4.983	42	85844	107.198	ug/l	99
30) Chloroform	5.074	83	76962	19.558	ug/l	99
31) Cyclohexane	5.458	56	60302	18.593	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	62712	18.788	ug/l	99
36) 1,1-Dichloropropene	5.678	75	48644	18.355	ug/l	96
37) Ethyl Acetate	4.696	43	56450	19.894	ug/l	100
38) Carbon Tetrachloride	5.659	117	54196	18.822	ug/l	95
39) Methylcyclohexane	7.366	83	57631	19.157	ug/l	97
40) Benzene	6.019	78	158244	19.659	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047799.D
 Acq On : 25 Sep 2025 10:42
 Operator : JC/MD
 Sample : VX0925WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 01:23:28 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)
41) Methacrylonitrile	4.903	41	30793	21.020	ug/l	99
42) 1,2-Dichloroethane	6.074	62	58507	19.104	ug/l	98
43) Isopropyl Acetate	6.324	43	93005	19.985	ug/l	99
44) Trichloroethene	7.110	130	38566	19.818	ug/l	93
45) 1,2-Dichloropropane	7.415	63	41329	20.052	ug/l	99
46) Dibromomethane	7.561	93	29524	19.684	ug/l	96
47) Bromodichloromethane	7.805	83	59571	19.247	ug/l	99
48) Methyl methacrylate	7.677	41	46432	20.030	ug/l	98
49) 1,4-Dioxane	7.647	88	10653	454.732	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	283243	109.772	ug/l	100
52) Toluene	8.702	92	98099	19.781	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	58595	18.560	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	63419	18.794	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	39559	20.688	ug/l	97
56) Ethyl methacrylate	9.104	69	59498	19.812	ug/l	97
57) 1,3-Dichloropropane	9.293	76	68315	20.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	144502	107.611	ug/l	99
59) 2-Hexanone	9.415	43	197109	106.364	ug/l	99
60) Dibromochloromethane	9.506	129	44793	20.330	ug/l	97
61) 1,2-Dibromoethane	9.592	107	40601	20.846	ug/l	99
64) Tetrachloroethene	9.256	164	31057	19.344	ug/l	97
65) Chlorobenzene	10.061	112	108564	19.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	37984	19.673	ug/l	100
67) Ethyl Benzene	10.177	91	182352	18.889	ug/l	100
68) m/p-Xylenes	10.287	106	138759	38.616	ug/l	100
69) o-Xylene	10.628	106	65493	18.844	ug/l	99
70) Styrene	10.640	104	118480	19.455	ug/l	98
71) Bromoform	10.780	173	28320	19.644	ug/l #	99
73) Isopropylbenzene	10.945	105	172779	18.959	ug/l	99
74) N-amyl acetate	10.829	43	79052	19.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	57268	20.770	ug/l	97
76) 1,2,3-Trichloropropane	11.219	75	44545m	18.354	ug/l	
77) Bromobenzene	11.183	156	43410	19.340	ug/l	97
78) n-propylbenzene	11.286	91	205510	19.076	ug/l	99
79) 2-Chlorotoluene	11.347	91	124782	18.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	142568	19.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	16205	17.027	ug/l	96
82) 4-Chlorotoluene	11.439	91	148650	19.075	ug/l	99
83) tert-Butylbenzene	11.695	119	143703	18.749	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	145207	19.129	ug/l	99
85) sec-Butylbenzene	11.872	105	176768	19.416	ug/l	99
86) p-Isopropyltoluene	11.994	119	146511	19.009	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	81024	19.435	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	82968	19.390	ug/l	100
89) n-Butylbenzene	12.317	91	137798	19.322	ug/l	98
90) Hexachloroethane	12.518	117	25704	18.995	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	77179	19.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	11229	20.115	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	47455	18.384	ug/l	98
94) Hexachlorobutadiene	13.707	225	17312	19.744	ug/l	98
95) Naphthalene	13.755	128	149381	19.004	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	45425	18.917	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047799.D
Acq On : 25 Sep 2025 10:42
Operator : JC/MD
Sample : VX0925WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 01:23:28 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

