

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048032.D
 Acq On : 06 Oct 2025 17:56
 Operator : JC/MD
 Sample : Q3202-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMS

Quant Time: Oct 07 02:20:41 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 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	117529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	220472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116659	62.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.720%#			
35) Dibromofluoromethane	5.373	113	86975	58.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.640%			
50) Toluene-d8	8.635	98	276687	54.080	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.160%			
62) 4-Bromofluorobenzene	11.061	95	112534	57.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	55623	45.704	ug/l	98
3) Chloromethane	1.301	50	73113	45.710	ug/l	99
4) Vinyl Chloride	1.380	62	75061	47.939	ug/l	98
5) Bromomethane	1.611	94	45078	45.402	ug/l	99
6) Chloroethane	1.691	64	53391	51.019	ug/l	99
7) Trichlorofluoromethane	1.898	101	112551	48.413	ug/l	99
8) Diethyl Ether	2.136	74	53518	56.275	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	65666	48.306	ug/l	99
10) Methyl Iodide	2.453	142	80182	37.820	ug/l	99
11) Tert butyl alcohol	2.947	59	54219	260.226	ug/l	99
12) 1,1-Dichloroethene	2.325	96	69123	49.502	ug/l	99
13) Acrolein	2.239	56	160073	833.708	ug/l	99
14) Allyl chloride	2.666	41	142797	49.557	ug/l	97
15) Acrylonitrile	3.062	53	241457	312.868	ug/l	99
16) Acetone	2.373	43	188561	231.814	ug/l	100
17) Carbon Disulfide	2.514	76	166781	43.629	ug/l	99
18) Methyl Acetate	2.703	43	113026	62.437	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	291279	57.143	ug/l	100
20) Methylene Chloride	2.788	84	94603	54.945	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	77462	51.526	ug/l	96
22) Diisopropyl ether	3.751	45	316301	56.641	ug/l #	85
23) Vinyl Acetate	3.715	43	1218918	272.726	ug/l	100
24) 1,1-Dichloroethane	3.605	63	163853	55.204	ug/l	98
25) 2-Butanone	4.544	43	291102	286.904	ug/l	98
26) 2,2-Dichloropropane	4.471	77	106299	43.084	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	99141	53.848	ug/l	98
28) Bromochloromethane	4.885	49	77600	59.887	ug/l	99
29) Tetrahydrofuran	4.995	42	179564	294.184	ug/l	99
30) Chloroform	5.080	83	172945	57.661	ug/l	99
31) Cyclohexane	5.464	56	102829	41.596	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	134434	52.841	ug/l	100
36) 1,1-Dichloropropene	5.684	75	97936	45.328	ug/l	99
37) Ethyl Acetate	4.696	43	117906	50.967	ug/l	99
38) Carbon Tetrachloride	5.666	117	109787	46.767	ug/l	96
39) Methylcyclohexane	7.367	83	95051	38.756	ug/l	98
40) Benzene	6.025	78	334755	51.012	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048032.D
 Acq On : 06 Oct 2025 17:56
 Operator : JC/MD
 Sample : Q3202-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMS

Quant Time: Oct 07 02:20:41 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 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	69739	58.394	ug/l	97
42) 1,2-Dichloroethane	6.074	62	132602	53.108	ug/l	98
43) Isopropyl Acetate	6.324	43	198896	52.423	ug/l	100
44) Trichloroethene	7.110	130	77160	48.635	ug/l	96
45) 1,2-Dichloropropane	7.415	63	89874	53.485	ug/l	99
46) Dibromomethane	7.568	93	66818	54.644	ug/l	98
47) Bromodichloromethane	7.805	83	140570	55.709	ug/l	98
48) Methyl methacrylate	7.677	41	101999	53.971	ug/l	99
49) 1,4-Dioxane	7.647	88	22200	1162.352	ug/l	95
51) 4-Methyl-2-Pentanone	8.561	43	621801	295.588	ug/l	100
52) Toluene	8.702	92	204839	50.665	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	133137	51.728	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	140587	51.104	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	87596	56.189	ug/l	98
56) Ethyl methacrylate	9.104	69	135060	55.165	ug/l	98
57) 1,3-Dichloropropane	9.293	76	151949	56.739	ug/l	100
59) 2-Hexanone	9.415	43	423422	280.260	ug/l	99
60) Dibromochloromethane	9.506	129	104850	58.371	ug/l	99
61) 1,2-Dibromoethane	9.592	107	90024	56.694	ug/l	100
64) Tetrachloroethene	9.256	164	58433	42.544	ug/l	98
65) Chlorobenzene	10.061	112	232755	48.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	85026	51.479	ug/l	100
67) Ethyl Benzene	10.177	91	381615	46.208	ug/l	99
68) m/p-Xylenes	10.287	106	289184	94.076	ug/l	99
69) o-Xylene	10.628	106	142447	47.910	ug/l	99
70) Styrene	10.640	104	255471	49.038	ug/l	99
71) Bromoform	10.781	173	67019	54.342	ug/l #	98
73) Isopropylbenzene	10.945	105	356443	42.191	ug/l	100
74) N-amyl acetate	10.829	43	170643	44.294	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	126916	49.654	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	112653m	50.070	ug/l	
77) Bromobenzene	11.183	156	95214	45.759	ug/l	97
78) n-propylbenzene	11.287	91	418566	41.911	ug/l	100
79) 2-Chlorotoluene	11.348	91	266070	43.498	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	294754	42.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	36450	41.314	ug/l	99
82) 4-Chlorotoluene	11.439	91	314403	43.521	ug/l	98
83) tert-Butylbenzene	11.695	119	301772	42.471	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	303376	43.111	ug/l	100
85) sec-Butylbenzene	11.872	105	346854	41.098	ug/l	100
86) p-Isopropyltoluene	11.994	119	289184	40.473	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	170053	44.000	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	174026	43.872	ug/l	100
89) n-Butylbenzene	12.317	91	260335	39.377	ug/l	99
90) Hexachloroethane	12.518	117	55599	44.321	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	165346	44.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	24134	46.636	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	99060	41.396	ug/l	100
94) Hexachlorobutadiene	13.707	225	30890	38.003	ug/l	97
95) Naphthalene	13.756	128	324965	44.596	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	95542	42.921	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048032.D
Acq On : 06 Oct 2025 17:56
Operator : JC/MD
Sample : Q3202-13MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3DMS

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:20:41 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						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048032.D
Acq On : 06 Oct 2025 17:56
Operator : JC/MD
Sample : Q3202-13MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3DMS

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:20:41 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

