

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046642.D
 Acq On : 11 Jun 2025 17:09
 Operator : JC/MD
 Sample : Q2230-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-MW01-060425MSD

Quant Time: Jun 12 02:33:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	63422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	110741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	51798	45.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.820%			
35) Dibromofluoromethane	5.403	113	41039	50.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	8.653	98	134862	50.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	56763	51.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	35479	40.295	ug/l	100
3) Chloromethane	1.306	50	33028	41.211	ug/l	99
4) Vinyl Chloride	1.386	62	29951	37.489	ug/l	99
5) Bromomethane	1.617	94	16838	34.717	ug/l	94
6) Chloroethane	1.703	64	22193m	42.814	ug/l	
7) Trichlorofluoromethane	1.904	101	56882	43.032	ug/l	98
8) Diethyl Ether	2.148	74	20079	42.992	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.349	101	37954	45.574	ug/l	95
10) Methyl Iodide	2.471	142	38349	42.479	ug/l	97
11) Tert butyl alcohol	2.971	59	32292	257.915	ug/l	98
12) 1,1-Dichloroethene	2.337	96	36439	48.394	ug/l	92
13) Acrolein	2.251	56	61596	387.953	ug/l	99
14) Allyl chloride	2.684	41	72164	48.799	ug/l	93
15) Acrylonitrile	3.081	53	125627	265.377	ug/l	98
16) Acetone	2.392	43	144733	325.237	ug/l	97
17) Carbon Disulfide	2.532	76	70590	44.176	ug/l	98
18) Methyl Acetate	2.721	43	75002	55.805	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	140191	53.209	ug/l	99
20) Methylene Chloride	2.806	84	42432	46.875	ug/l	89
21) trans-1,2-Dichloroethene	3.111	96	37158	46.631	ug/l	97
22) Diisopropyl ether	3.782	45	152331	52.249	ug/l #	82
23) Vinyl Acetate	3.739	43	594925	264.301	ug/l	99
24) 1,1-Dichloroethane	3.629	63	80406	49.484	ug/l	99
25) 2-Butanone	4.574	43	176757	281.404	ug/l	99
26) 2,2-Dichloropropane	4.495	77	62154	51.526	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	49712	50.677	ug/l	94
28) Bromochloromethane	4.916	49	38101	49.162	ug/l	98
29) Tetrahydrofuran	5.019	42	104933	264.527	ug/l	99
30) Chloroform	5.111	83	94071	55.253	ug/l	96
31) Cyclohexane	5.483	56	63100	48.103	ug/l	96
32) 1,1,1-Trichloroethane	5.403	97	72442	49.741	ug/l	97
36) 1,1-Dichloropropene	5.708	75	52271	44.934	ug/l	97
37) Ethyl Acetate	4.733	43	63847	56.235	ug/l	98
38) Carbon Tetrachloride	5.696	117	62017	47.597	ug/l	97
39) Methylcyclohexane	7.391	83	63899	46.537	ug/l	96
40) Benzene	6.050	78	166123	50.727	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046642.D
 Acq On : 11 Jun 2025 17:09
 Operator : JC/MD
 Sample : Q2230-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-MW01-060425MSD

Quant Time: Jun 12 02:33:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	36736	52.104	ug/l	95
42) 1,2-Dichloroethane	6.098	62	66931	49.126	ug/l	99
43) Isopropyl Acetate	6.354	43	104960	53.028	ug/l	99
44) Trichloroethene	7.135	130	41102	49.396	ug/l	99
45) 1,2-Dichloropropane	7.433	63	44776	52.971	ug/l	97
46) Dibromomethane	7.592	93	32244	50.705	ug/l	96
47) Bromodichloromethane	7.830	83	68604	52.468	ug/l	96
48) Methyl methacrylate	7.702	41	54608	53.622	ug/l	94
49) 1,4-Dioxane	7.665	88	14358	1054.293	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	348549	277.114	ug/l	98
52) Toluene	8.720	92	109908	54.628	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	63618	54.266	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	67669	51.914	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	44010	54.489	ug/l	97
56) Ethyl methacrylate	9.122	69	71261	57.334	ug/l	93
57) 1,3-Dichloropropane	9.311	76	75095	52.612	ug/l	98
59) 2-Hexanone	9.433	43	253244	280.738	ug/l	97
60) Dibromochloromethane	9.525	129	51876	54.603	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44258	52.585	ug/l	98
64) Tetrachloroethene	9.275	164	32388	47.935	ug/l	92
65) Chlorobenzene	10.079	112	118916	50.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42642	53.102	ug/l	99
67) Ethyl Benzene	10.195	91	242631	58.485	ug/l	99
68) m/p-Xylenes	10.299	106	206477	137.203	ug/l	97
69) o-Xylene	10.640	106	139010	95.500	ug/l	98
70) Styrene	10.652	104	136700	54.862	ug/l	95
71) Bromoform	10.799	173	32870	53.683	ug/l #	96
73) Isopropylbenzene	10.963	105	214031	53.529	ug/l	99
74) N-amyl acetate	10.841	43	95676	54.336	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	67802	52.977	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55902m	51.888	ug/l	
77) Bromobenzene	11.195	156	48709	52.484	ug/l	94
78) n-propylbenzene	11.305	91	267286	55.230	ug/l	98
79) 2-Chlorotoluene	11.366	91	161444	55.320	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	222477	66.772	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19800	53.014	ug/l	93
82) 4-Chlorotoluene	11.451	91	175929	50.859	ug/l	98
83) tert-Butylbenzene	11.713	119	176725	52.104	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	360749	107.026	ug/l	97
85) sec-Butylbenzene	11.890	105	226809	52.042	ug/l	99
86) p-Isopropyltoluene	12.006	119	188231	51.808	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	90262	50.085	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	93039	49.822	ug/l	99
89) n-Butylbenzene	12.329	91	190986	53.528	ug/l	94
90) Hexachloroethane	12.536	117	35406	54.828	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	89646	51.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15523	54.164	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	60470	50.957	ug/l	96
94) Hexachlorobutadiene	13.725	225	24818	45.002	ug/l	97
95) Naphthalene	13.774	128	241348	64.134	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	60200	50.592	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046642.D
Acq On : 11 Jun 2025 17:09
Operator : JC/MD
Sample : Q2230-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

Quant Time: Jun 12 02:33:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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

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

