

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047470.D
 Acq On : 21 Aug 2025 15:10
 Operator : JC/MD
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Quant Time: Aug 22 03:48:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	212992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167841	56.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.620%	
35) Dibromofluoromethane	5.397	113	131360	52.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	8.653	98	453168	50.400	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	11.079	95	174410	52.565	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	49910	18.382	ug/l	95
3) Chloromethane	1.313	50	56672	23.202	ug/l	94
4) Vinyl Chloride	1.392	62	57486	18.751	ug/l #	1
5) Bromomethane	1.630	94	18183	14.684	ug/l	99
6) Chloroethane	1.709	64	41382	22.062	ug/l	99
7) Trichlorofluoromethane	1.904	101	86493	19.073	ug/l	98
8) Diethyl Ether	2.148	74	34715	21.741	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	52550	19.977	ug/l	98
10) Methyl Iodide	2.471	142	64378	14.281	ug/l	96
11) Tert butyl alcohol	2.959	59	30072	115.965	ug/l	99
12) 1,1-Dichloroethene	2.337	96	51955	19.374	ug/l	97
13) Acrolein	2.252	56	45885	83.821	ug/l	97
14) Allyl chloride	2.678	41	95811	20.570	ug/l	95
15) Acrylonitrile	3.087	53	142712	113.889	ug/l	98
16) Acetone	2.392	43	112185	100.124	ug/l	97
17) Carbon Disulfide	2.532	76	156090	19.288	ug/l	100
18) Methyl Acetate	2.715	43	72344	24.916	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	184924	22.667	ug/l	100
20) Methylene Chloride	2.806	84	64983	21.902	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	57614	20.242	ug/l	95
22) Diisopropyl ether	3.770	45	213622	23.202	ug/l	86
23) Vinyl Acetate	3.733	43	858443	113.754	ug/l	100
24) 1,1-Dichloroethane	3.623	63	113660	21.840	ug/l	98
25) 2-Butanone	4.568	43	173429	118.185	ug/l	98
26) 2,2-Dichloropropane	4.495	77	72703	18.510	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	69579	20.988	ug/l	100
28) Bromochloromethane	4.910	49	53631	24.766	ug/l	99
29) Tetrahydrofuran	5.025	42	108836	114.750	ug/l	98
30) Chloroform	5.105	83	118636	22.337	ug/l	98
31) Cyclohexane	5.483	56	95390	19.884	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	93070	20.359	ug/l	98
36) 1,1-Dichloropropene	5.708	75	73822	18.590	ug/l	100
37) Ethyl Acetate	4.733	43	78749	19.102	ug/l	98
38) Carbon Tetrachloride	5.690	117	78634	18.120	ug/l	98
39) Methylcyclohexane	7.391	83	91057	18.383	ug/l	97
40) Benzene	6.044	78	240955	20.272	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047470.D
 Acq On : 21 Aug 2025 15:10
 Operator : JC/MD
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Quant Time: Aug 22 03:48:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	33881	19.489	ug/l	93
42) 1,2-Dichloroethane	6.098	62	89446	21.245	ug/l	100
43) Isopropyl Acetate	6.348	43	124715	21.058	ug/l	100
44) Trichloroethene	7.135	130	57927	19.033	ug/l	93
45) 1,2-Dichloropropane	7.434	63	61852	20.772	ug/l	100
46) Dibromomethane	7.586	93	46272	21.404	ug/l	97
47) Bromodichloromethane	7.824	83	93362	20.832	ug/l	97
48) Methyl methacrylate	7.696	41	62678	20.389	ug/l	99
49) 1,4-Dioxane	7.683	88	13231	442.737	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	379233	111.273	ug/l	97
52) Toluene	8.720	92	151373	20.610	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	80696	20.631	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	93426	21.102	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	60368	21.648	ug/l	99
56) Ethyl methacrylate	9.116	69	88230	21.460	ug/l	99
57) 1,3-Dichloropropane	9.311	76	105562	22.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	175281	94.652	ug/l	98
59) 2-Hexanone	9.433	43	250637	106.316	ug/l	99
60) Dibromochloromethane	9.519	129	69970	21.113	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61608	21.424	ug/l	100
64) Tetrachloroethene	9.275	164	48201	18.582	ug/l	97
65) Chlorobenzene	10.079	112	169740	19.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	58930	20.456	ug/l	99
67) Ethyl Benzene	10.195	91	286149	19.509	ug/l	98
68) m/p-Xylenes	10.299	106	217876	39.837	ug/l	99
69) o-Xylene	10.640	106	105007	19.951	ug/l	99
70) Styrene	10.652	104	182503	20.522	ug/l	99
71) Bromoform	10.799	173	43916	20.292	ug/l	99
73) Isopropylbenzene	10.963	105	274992	19.639	ug/l	100
74) N-amyl acetate	10.841	43	107538	20.224	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	86750	21.101	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	67332m	20.516	ug/l	
77) Bromobenzene	11.195	156	68118	19.922	ug/l	98
78) n-propylbenzene	11.305	91	335708	20.074	ug/l	99
79) 2-Chlorotoluene	11.360	91	200021	19.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	227578	19.753	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10477	19.559	ug/l	91
82) 4-Chlorotoluene	11.451	91	235407	19.754	ug/l	99
83) tert-Butylbenzene	11.713	119	229679	19.982	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	229266	19.899	ug/l	99
85) sec-Butylbenzene	11.890	105	283877	19.926	ug/l	100
86) p-Isopropyltoluene	12.006	119	236591	19.625	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130291	19.946	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	131270	19.539	ug/l	98
89) n-Butylbenzene	12.329	91	221505	19.754	ug/l	99
90) Hexachloroethane	12.536	117	39637	18.741	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	126448	20.394	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15805	19.879	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	81858	19.694	ug/l	97
94) Hexachlorobutadiene	13.725	225	27272	18.433	ug/l	98
95) Naphthalene	13.774	128	253357	21.329	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	77303	19.730	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
Data File : VX047470.D
Acq On : 21 Aug 2025 15:10
Operator : JC/MD
Sample : VX0821WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Quant Time: Aug 22 03:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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

