

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047458.D
 Acq On : 21 Aug 2025 10:50
 Operator : JC/MD
 Sample : VX0821WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Quant Time: Aug 22 03:40:30 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	226192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	408262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180222	56.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.860%
35) Dibromofluoromethane	5.391	113	138621	52.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.640%
50) Toluene-d8	8.647	98	476276	50.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.580%
62) 4-Bromofluorobenzene	11.079	95	193960	55.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	45397	15.744	ug/l	98
3) Chloromethane	1.313	50	44138	17.016	ug/l	98
4) Vinyl Chloride	1.392	62	53004	16.280	ug/l	98
5) Bromomethane	1.630	94	22191	16.875	ug/l	97
6) Chloroethane	1.709	64	33752	16.944	ug/l	94
7) Trichlorofluoromethane	1.904	101	77940	16.184	ug/l	96
8) Diethyl Ether	2.148	74	32286	19.040	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	46237	16.551	ug/l	100
10) Methyl Iodide	2.471	142	61524	12.852	ug/l	100
11) Tert butyl alcohol	2.959	59	24980	90.707	ug/l	98
12) 1,1-Dichloroethene	2.337	96	47804	16.785	ug/l	100
13) Acrolein	2.252	56	51775	89.061	ug/l	99
14) Allyl chloride	2.678	41	85978	17.382	ug/l	100
15) Acrylonitrile	3.081	53	120017	90.188	ug/l	99
16) Acetone	2.392	43	110081	92.513	ug/l	99
17) Carbon Disulfide	2.526	76	132628	15.433	ug/l	99
18) Methyl Acetate	2.715	43	62687	20.330	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	159505	18.410	ug/l	97
20) Methylene Chloride	2.800	84	57713	18.317	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	52300	17.302	ug/l	97
22) Diisopropyl ether	3.770	45	189916	19.424	ug/l	95
23) Vinyl Acetate	3.733	43	735064	91.720	ug/l	99
24) 1,1-Dichloroethane	3.623	63	101402	18.348	ug/l	99
25) 2-Butanone	4.568	43	146993	94.324	ug/l	96
26) 2,2-Dichloropropane	4.483	77	73615	17.648	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	64023	18.185	ug/l	100
28) Bromochloromethane	4.903	49	59859	26.028	ug/l	98
29) Tetrahydrofuran	5.032	42	89618	88.973	ug/l	98
30) Chloroform	5.105	83	106802	18.936	ug/l	99
31) Cyclohexane	5.483	56	84285	16.544	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	85325	17.576	ug/l	99
36) 1,1-Dichloropropene	5.702	75	66774	15.964	ug/l	98
37) Ethyl Acetate	4.727	43	68115	15.687	ug/l	99
38) Carbon Tetrachloride	5.684	117	73230	16.021	ug/l	99
39) Methylcyclohexane	7.385	83	77284	14.813	ug/l	95
40) Benzene	6.044	78	216402	17.285	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	28873	15.768	ug/l #	92
42) 1,2-Dichloroethane	6.092	62	80050	18.051	ug/l	99
43) Isopropyl Acetate	6.348	43	104593	16.767	ug/l	99
44) Trichloroethene	7.129	130	52044	16.235	ug/l	94
45) 1,2-Dichloropropane	7.434	63	55013	17.540	ug/l	98
46) Dibromomethane	7.586	93	39625	17.402	ug/l	99
47) Bromodichloromethane	7.824	83	83399	17.667	ug/l	98
48) Methyl methacrylate	7.696	41	53964	16.666	ug/l	98
49) 1,4-Dioxane	7.702	88	10626	337.579	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	309800	86.301	ug/l	97
52) Toluene	8.720	92	135972	17.576	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	73567	17.857	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	82936	17.785	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	52569	17.897	ug/l	96
56) Ethyl methacrylate	9.116	69	75199	17.365	ug/l	99
57) 1,3-Dichloropropane	9.305	76	90679	18.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	177029	91.103	ug/l	99
59) 2-Hexanone	9.433	43	206823	83.292	ug/l	99
60) Dibromochloromethane	9.519	129	62127	17.798	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52362	17.288	ug/l	99
64) Tetrachloroethene	9.275	164	43106	15.551	ug/l	99
65) Chlorobenzene	10.079	112	153626	16.869	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	51878	16.851	ug/l	99
67) Ethyl Benzene	10.189	91	262139	16.724	ug/l	98
68) m/p-Xylenes	10.299	106	195229	33.403	ug/l	99
69) o-Xylene	10.640	106	95057	16.901	ug/l	98
70) Styrene	10.652	104	166913	17.563	ug/l	99
71) Bromoform	10.799	173	39317	17.000	ug/l #	96
73) Isopropylbenzene	10.957	105	242797	15.645	ug/l	100
74) N-amyl acetate	10.841	43	89364	15.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	73420	16.113	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	57795m	15.889	ug/l	
77) Bromobenzene	11.195	156	61786	16.304	ug/l	99
78) n-propylbenzene	11.299	91	291987	15.753	ug/l	100
79) 2-Chlorotoluene	11.360	91	179181	15.992	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	205472	16.091	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10553	18.492	ug/l	95
82) 4-Chlorotoluene	11.451	91	209529	15.864	ug/l	99
83) tert-Butylbenzene	11.713	119	202634	15.906	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	207148	16.222	ug/l	100
85) sec-Butylbenzene	11.890	105	248120	15.714	ug/l	99
86) p-Isopropyltoluene	12.006	119	210646	15.765	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115190	15.911	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	119599	16.062	ug/l	99
89) n-Butylbenzene	12.329	91	190600	15.336	ug/l	100
90) Hexachloroethane	12.536	117	34954	14.912	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	112283	16.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12950	14.696	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	70439	15.290	ug/l	99
94) Hexachlorobutadiene	13.719	225	22604	13.785	ug/l	96
95) Naphthalene	13.774	128	210726	16.006	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66828	15.390	ug/l	99

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

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