

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046968.D
 Acq On : 14 Jul 2025 13:10
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Quant Time: Jul 15 01:18:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	311322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	518025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	228375	55.527	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.060%			
35) Dibromofluoromethane	5.397	113	188158	53.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	8.653	98	652952	52.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.260%			
62) 4-Bromofluorobenzene	11.079	95	259398	55.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50576	16.987	ug/l	97
3) Chloromethane	1.307	50	50844	15.630	ug/l	98
4) Vinyl Chloride	1.386	62	61492	17.359	ug/l	95
5) Bromomethane	1.624	94	40526	17.805	ug/l	100
6) Chloroethane	1.703	64	42692	18.251	ug/l	99
7) Trichlorofluoromethane	1.904	101	99192	18.109	ug/l	98
8) Diethyl Ether	2.148	74	38659	19.833	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	65459	18.755	ug/l	98
10) Methyl Iodide	2.465	142	51744	13.608	ug/l	98
11) Tert butyl alcohol	2.959	59	45645	169.217	ug/l	99
12) 1,1-Dichloroethene	2.337	96	57803	17.123	ug/l	99
13) Acrolein	2.252	56	28984	98.971	ug/l	97
14) Allyl chloride	2.678	41	115355	19.193	ug/l	98
15) Acrylonitrile	3.075	53	188770	121.041	ug/l	99
16) Acetone	2.392	43	146236	114.467	ug/l	97
17) Carbon Disulfide	2.526	76	126416	14.279	ug/l	99
18) Methyl Acetate	2.715	43	100936	29.975	ug/l	97
19) Methyl tert-butyl Ether	3.130	73	216994	22.762	ug/l	96
20) Methylene Chloride	2.806	84	73334	19.412	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	64505	18.673	ug/l	91
22) Diisopropyl ether	3.776	45	245180	21.115	ug/l	96
23) Vinyl Acetate	3.733	43	943078	108.410	ug/l	99
24) 1,1-Dichloroethane	3.623	63	130299	19.676	ug/l	99
25) 2-Butanone	4.568	43	230434	135.193	ug/l	98
26) 2,2-Dichloropropane	4.489	77	95953	19.469	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	81572	19.341	ug/l	98
28) Bromochloromethane	4.910	49	68222	20.874	ug/l	98
29) Tetrahydrofuran	5.013	42	145842	134.226	ug/l	99
30) Chloroform	5.111	83	134497	19.880	ug/l	97
31) Cyclohexane	5.489	56	110365	18.773	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	112549	19.912	ug/l	99
36) 1,1-Dichloropropene	5.708	75	86578	18.249	ug/l	98
37) Ethyl Acetate	4.727	43	88069	21.795	ug/l	96
38) Carbon Tetrachloride	5.690	117	94543	18.849	ug/l	96
39) Methylcyclohexane	7.385	83	104699	17.642	ug/l	96
40) Benzene	6.050	78	275003	19.164	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	54131	25.112	ug/l	96
42) 1,2-Dichloroethane	6.099	62	99664	20.453	ug/l	98
43) Isopropyl Acetate	6.348	43	155021	25.047	ug/l	99
44) Trichloroethene	7.135	130	69201	18.525	ug/l	99
45) 1,2-Dichloropropane	7.434	63	71878	19.825	ug/l	97
46) Dibromomethane	7.586	93	50203	19.985	ug/l	98
47) Bromodichloromethane	7.824	83	102745	19.155	ug/l	97
48) Methyl methacrylate	7.702	41	78422	24.539	ug/l	97
49) 1,4-Dioxane	7.665	88	22981	620.603	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	497521	136.204	ug/l	99
52) Toluene	8.720	92	174835	19.661	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	94271	19.694	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	107227	19.625	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	71161	21.485	ug/l	98
56) Ethyl methacrylate	9.116	69	108310	23.626	ug/l	97
57) 1,3-Dichloropropane	9.311	76	118416	20.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	286969	111.099	ug/l	100
59) 2-Hexanone	9.433	43	344106	142.023	ug/l	100
60) Dibromochloromethane	9.525	129	76497	19.299	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68692	20.650	ug/l	100
64) Tetrachloroethene	9.275	164	56970	18.392	ug/l	97
65) Chlorobenzene	10.080	112	194907	19.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67124	19.852	ug/l	98
67) Ethyl Benzene	10.195	91	336342	19.526	ug/l	97
68) m/p-Xylenes	10.299	106	259177	39.930	ug/l	100
69) o-Xylene	10.640	106	126691	20.206	ug/l	97
70) Styrene	10.653	104	218738	20.391	ug/l	99
71) Bromoform	10.799	173	50540	20.102	ug/l #	100
73) Isopropylbenzene	10.964	105	334801	19.731	ug/l	99
74) N-amyl acetate	10.842	43	138470	24.014	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	105297	22.567	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82806m	22.202	ug/l	
77) Bromobenzene	11.195	156	80762	19.108	ug/l	96
78) n-propylbenzene	11.305	91	395854	19.347	ug/l	100
79) 2-Chlorotoluene	11.360	91	237047	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	278151	20.174	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27676	19.913	ug/l	94
82) 4-Chlorotoluene	11.451	91	280145	20.094	ug/l	100
83) tert-Butylbenzene	11.713	119	281349	19.757	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	278436	19.979	ug/l	95
85) sec-Butylbenzene	11.890	105	356721	19.868	ug/l	99
86) p-Isopropyltoluene	12.006	119	297713	19.801	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155791	19.709	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	155145	18.858	ug/l	98
89) n-Butylbenzene	12.329	91	275787	19.521	ug/l	99
90) Hexachloroethane	12.536	117	47178	17.700	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	150672	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20215	24.771	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	99618	19.143	ug/l	98
94) Hexachlorobutadiene	13.725	225	37048	18.878	ug/l	99
95) Naphthalene	13.774	128	317265	23.136	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	98213	19.974	ug/l	98

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

