

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048711.D
 Acq On : 03 Dec 2025 17:09
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Quant Time: Dec 04 02:33:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	198797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	319261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	286373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	138500	51.601	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.200%
35) Dibromofluoromethane	5.373	113	109351	50.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.500%
50) Toluene-d8	8.635	98	395164	52.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.900%
62) 4-Bromofluorobenzene	11.061	95	141435	51.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	49316	21.522	ug/l	98
3) Chloromethane	1.301	50	44837	20.075	ug/l	99
4) Vinyl Chloride	1.380	62	44808	18.311	ug/l	97
5) Bromomethane	1.618	94	33177	20.406	ug/l	96
6) Chloroethane	1.697	64	30153	20.808	ug/l	98
7) Trichlorofluoromethane	1.898	101	72614	20.422	ug/l	98
8) Diethyl Ether	2.136	74	27138	21.434	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	40618	19.169	ug/l	97
10) Methyl Iodide	2.459	142	53585	17.554	ug/l	95
11) Tert butyl alcohol	2.934	59	35612	87.725	ug/l	99
12) 1,1-Dichloroethene	2.325	96	40378	19.167	ug/l	93
13) Acrolein	2.233	56	27046	123.199	ug/l	98
14) Allyl chloride	2.666	41	71499	17.935	ug/l	94
15) Acrylonitrile	3.056	53	129799	100.589	ug/l	99
16) Acetone	2.374	43	101731	115.972	ug/l	96
17) Carbon Disulfide	2.520	76	117787	18.356	ug/l	99
18) Methyl Acetate	2.697	43	57423	19.764	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	141488	19.710	ug/l	100
20) Methylene Chloride	2.788	84	41292	16.864	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	44727	20.572	ug/l	97
22) Diisopropyl ether	3.745	45	144899	20.296	ug/l #	70
23) Vinyl Acetate	3.715	43	613843	98.915	ug/l	100
24) 1,1-Dichloroethane	3.605	63	79543	19.566	ug/l	99
25) 2-Butanone	4.544	43	161026	105.416	ug/l	99
26) 2,2-Dichloropropane	4.465	77	68103	18.159	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	50833	18.650	ug/l	99
28) Bromochloromethane	4.885	49	32183	16.488	ug/l	96
29) Tetrahydrofuran	4.989	42	113605	97.652	ug/l	99
30) Chloroform	5.086	83	83740	19.445	ug/l	98
31) Cyclohexane	5.464	56	68828	19.873	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	74999	19.368	ug/l	99
36) 1,1-Dichloropropene	5.684	75	57226	19.463	ug/l	97
37) Ethyl Acetate	4.696	43	75557	20.241	ug/l	99
38) Carbon Tetrachloride	5.666	117	68386	20.239	ug/l	98
39) Methylcyclohexane	7.367	83	67310	19.668	ug/l	93
40) Benzene	6.025	78	171657	19.862	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	35028	20.731	ug/l	95
42) 1,2-Dichloroethane	6.074	62	61251	19.737	ug/l	97
43) Isopropyl Acetate	6.324	43	109111	20.815	ug/l	95
44) Trichloroethene	7.111	130	44222	19.437	ug/l	88
45) 1,2-Dichloropropane	7.415	63	42303	20.027	ug/l	99
46) Dibromomethane	7.568	93	33027	20.323	ug/l	94
47) Bromodichloromethane	7.806	83	65582	19.685	ug/l	97
48) Methyl methacrylate	7.677	41	53071	21.190	ug/l	94
49) 1,4-Dioxane	7.647	88	15274	497.583	ug/l	100
51) 4-Methyl-2-Pentanone	8.555	43	355699	107.654	ug/l	93
52) Toluene	8.702	92	107288	20.228	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	66489	20.048	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	71541	20.339	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	42709	20.311	ug/l	95
56) Ethyl methacrylate	9.104	69	68886	20.444	ug/l	90
57) 1,3-Dichloropropane	9.293	76	73264	20.709	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	166359	96.258	ug/l	96
59) 2-Hexanone	9.415	43	261681	110.379	ug/l	95
60) Dibromochloromethane	9.506	129	52467	20.005	ug/l	96
61) 1,2-Dibromoethane	9.592	107	46696	20.085	ug/l	99
64) Tetrachloroethene	9.256	164	38732	19.695	ug/l	96
65) Chlorobenzene	10.061	112	119941	19.771	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	41986	19.893	ug/l	99
67) Ethyl Benzene	10.177	91	208790	20.950	ug/l	98
68) m/p-Xylenes	10.287	106	158517	41.290	ug/l	98
69) o-Xylene	10.622	106	75182	20.327	ug/l	99
70) Styrene	10.640	104	126793	20.396	ug/l	97
71) Bromoform	10.781	173	36724	19.103	ug/l #	99
73) Isopropylbenzene	10.945	105	196198	20.218	ug/l	99
74) N-amyl acetate	10.823	43	89259	20.374	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	63306	19.054	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	58285m	19.979	ug/l	
77) Bromobenzene	11.183	156	49570	18.954	ug/l	96
78) n-propylbenzene	11.287	91	231485	20.371	ug/l	99
79) 2-Chlorotoluene	11.348	91	138390	20.039	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	161778	20.382	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	20988	18.503	ug/l #	92
82) 4-Chlorotoluene	11.439	91	160327	19.960	ug/l	98
83) tert-Butylbenzene	11.695	119	165682	20.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	162284	20.525	ug/l	98
85) sec-Butylbenzene	11.872	105	202392	20.308	ug/l	98
86) p-Isopropyltoluene	11.994	119	169281	20.561	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	90556	19.025	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	93048	19.153	ug/l	98
89) n-Butylbenzene	12.317	91	156511	20.183	ug/l	98
90) Hexachloroethane	12.518	117	31915	19.256	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	86096	19.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	14394	19.062	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	55476	19.660	ug/l	99
94) Hexachlorobutadiene	13.707	225	22894	19.486	ug/l	99
95) Naphthalene	13.756	128	178798	20.760	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	52031	19.976	ug/l	100

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

