

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047949.D
 Acq On : 01 Oct 2025 18:17
 Operator : JC/MD
 Sample : Q3193-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20250923MS

Quant Time: Oct 03 01:27:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/03/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112865	51.539	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.080%			
35) Dibromofluoromethane	5.373	113	87090	52.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	8.635	98	291109	50.348	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.700%			
62) 4-Bromofluorobenzene	11.061	95	110409	50.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	72636	50.986	ug/l	99
3) Chloromethane	1.301	50	88670	47.357	ug/l	99
4) Vinyl Chloride	1.380	62	92425	50.427	ug/l	98
5) Bromomethane	1.611	94	56642	48.736	ug/l	98
6) Chloroethane	1.697	64	62475	51.000	ug/l	98
7) Trichlorofluoromethane	1.892	101	137522	50.534	ug/l	99
8) Diethyl Ether	2.136	74	56807	51.029	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	79076	49.694	ug/l	98
10) Methyl Iodide	2.459	142	103700	41.785	ug/l	98
11) Tert butyl alcohol	2.947	59	60887	249.645	ug/l	100
12) 1,1-Dichloroethene	2.325	96	81498	49.859	ug/l	94
13) Acrolein	2.239	56	54948	244.482	ug/l	98
14) Allyl chloride	2.666	41	144448	42.825	ug/l	98
15) Acrylonitrile	3.062	53	257693	285.248	ug/l	99
16) Acetone	2.374	43	208744	219.231	ug/l	99
17) Carbon Disulfide	2.514	76	204871	45.784	ug/l	99
18) Methyl Acetate	2.703	43	92923	43.851	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	303685	50.895	ug/l	100
20) Methylene Chloride	2.788	84	101427	50.324	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	87894	49.945	ug/l	96
22) Diisopropyl ether	3.757	45	335947	51.392	ug/l	89
23) Vinyl Acetate	3.715	43	965730	184.589	ug/l	100
24) 1,1-Dichloroethane	3.605	63	178215	51.293	ug/l	98
25) 2-Butanone	4.544	43	308283	259.561	ug/l	99
26) 2,2-Dichloropropane	4.465	77	56182	19.453	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	109034	50.592	ug/l	93
28) Bromochloromethane	4.891	49	75712	49.915	ug/l	99
29) Tetrahydrofuran	4.989	42	196621	275.188	ug/l	100
30) Chloroform	5.080	83	185553	52.849	ug/l	100
31) Cyclohexane	5.464	56	129035	44.591	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	149781	50.295	ug/l	100
36) 1,1-Dichloropropene	5.684	75	111598	45.705	ug/l	98
37) Ethyl Acetate	4.702	43	101361	38.771	ug/l	99
38) Carbon Tetrachloride	5.672	117	126647	47.739	ug/l	99
39) Methylcyclohexane	7.367	83	116622	42.077	ug/l	98
40) Benzene	6.025	78	369543	49.830	ug/l	99

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41) Methacrylonitrile	4.910	41	73695	54.602	ug/l	98
42) 1,2-Dichloroethane	6.074	62	140050	49.633	ug/l	98
43) Isopropyl Acetate	6.324	43	182040	42.456	ug/l	100
44) Trichloroethene	7.117	130	87388	48.741	ug/l	99
45) 1,2-Dichloropropane	7.415	63	97104	51.135	ug/l	98
46) Dibromomethane	7.568	93	70804	51.238	ug/l	99
47) Bromodichloromethane	7.806	83	147933	51.878	ug/l	99
48) Methyl methacrylate	7.677	41	107467	50.318	ug/l	98
49) 1,4-Dioxane	7.647	88	24199	1121.156	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	660010	277.632	ug/l	99
52) Toluene	8.702	92	225040	49.254	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	124111	42.670	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	132296	42.554	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	93431	53.032	ug/l	99
56) Ethyl methacrylate	9.104	69	142817	51.618	ug/l	97
57) 1,3-Dichloropropane	9.293	76	159601	52.736	ug/l	100
59) 2-Hexanone	9.415	43	452858	265.237	ug/l	99
60) Dibromochloromethane	9.506	129	108700	53.548	ug/l	99
61) 1,2-Dibromoethane	9.592	107	96416	53.730	ug/l	99
64) Tetrachloroethene	9.256	164	66025	44.693	ug/l	97
65) Chlorobenzene	10.061	112	252327	49.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	89722	50.504	ug/l	99
67) Ethyl Benzene	10.177	91	424497	47.787	ug/l	98
68) m/p-Xylenes	10.287	106	321485	97.233	ug/l	98
69) o-Xylene	10.628	106	155556	48.642	ug/l	98
70) Styrene	10.640	104	275268	49.124	ug/l	99
71) Bromoform	10.781	173	69522	52.409	ug/l #	98
73) Isopropylbenzene	10.945	105	391154	44.613	ug/l	99
74) N-amyl acetate	10.829	43	136001	34.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	134192	50.588	ug/l	98
76) 1,2,3-Trichloropropane	11.226	75	114522m	49.047	ug/l	
77) Bromobenzene	11.183	156	99736	46.187	ug/l	98
78) n-propylbenzene	11.287	91	461966	44.572	ug/l	99
79) 2-Chlorotoluene	11.348	91	287872	45.348	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	323736	44.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	29502	32.221	ug/l	97
82) 4-Chlorotoluene	11.439	91	338296	45.122	ug/l	99
83) tert-Butylbenzene	11.695	119	328678	44.573	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	327974	44.909	ug/l	100
85) sec-Butylbenzene	11.872	105	382662	43.689	ug/l	99
86) p-Isopropyltoluene	11.994	119	320143	43.174	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	178688	44.550	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	181313	44.044	ug/l	99
89) n-Butylbenzene	12.317	91	288466	42.042	ug/l	99
90) Hexachloroethane	12.518	117	59306	45.554	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	175899	46.032	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25279	47.069	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	104847	42.218	ug/l	100
94) Hexachlorobutadiene	13.707	225	32612	38.660	ug/l	96
95) Naphthalene	13.756	128	340760	45.060	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	102966	44.571	ug/l	98

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

