

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048005.D
 Acq On : 03 Oct 2025 19:02
 Operator : JC/MD
 Sample : Q3248-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-685-687MS

Quant Time: Oct 03 23:55:20 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 :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	257097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	125448	57.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.300%			
35) Dibromofluoromethane	5.373	113	94077	54.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.120%			
50) Toluene-d8	8.634	98	315701	52.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.840%			
62) 4-Bromofluorobenzene	11.067	95	127852	56.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	62704	43.908	ug/l	97
3) Chloromethane	1.300	50	78039	41.579	ug/l	100
4) Vinyl Chloride	1.380	62	81139	44.163	ug/l	96
5) Bromomethane	1.611	94	51954	44.595	ug/l	98
6) Chloroethane	1.691	64	53443	43.522	ug/l	96
7) Trichlorofluoromethane	1.892	101	123569	45.297	ug/l	99
8) Diethyl Ether	2.136	74	51145	45.832	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	71289	44.692	ug/l	99
10) Methyl Iodide	2.459	142	98843	39.732	ug/l	99
11) Tert butyl alcohol	2.946	59	56836	232.474	ug/l	100
12) 1,1-Dichloroethene	2.325	96	72898	44.491	ug/l	97
13) Acrolein	2.239	56	64733	287.326	ug/l	99
14) Allyl chloride	2.666	41	143359	42.400	ug/l	98
15) Acrylonitrile	3.062	53	232869	257.149	ug/l	99
16) Acetone	2.380	43	186678	195.584	ug/l	97
17) Carbon Disulfide	2.514	76	175027	39.020	ug/l	98
18) Methyl Acetate	2.703	43	107673	50.690	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	275674	46.090	ug/l	96
20) Methylene Chloride	2.788	84	92106	45.589	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	79730	45.197	ug/l	98
22) Diisopropyl ether	3.757	45	306292	46.743	ug/l	99
23) Vinyl Acetate	3.715	43	1159760	221.143	ug/l	99
24) 1,1-Dichloroethane	3.605	63	162210	46.574	ug/l	99
25) 2-Butanone	4.544	43	283138	237.816	ug/l	98
26) 2,2-Dichloropropane	4.471	77	112735	38.940	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	100761	46.641	ug/l	97
28) Bromochloromethane	4.891	49	78295	51.494	ug/l	99
29) Tetrahydrofuran	4.989	42	177206	247.418	ug/l	99
30) Chloroform	5.080	83	169678	48.211	ug/l	99
31) Cyclohexane	5.464	56	115057	39.665	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	137954	46.212	ug/l	99
36) 1,1-Dichloropropene	5.684	75	102146	40.542	ug/l	99
37) Ethyl Acetate	4.702	43	109474	40.581	ug/l	97
38) Carbon Tetrachloride	5.665	117	115520	42.199	ug/l	96
39) Methylcyclohexane	7.366	83	107625	37.631	ug/l	97
40) Benzene	6.025	78	332895	43.502	ug/l	98

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Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	64680	46.443	ug/l	99
42) 1,2-Dichloroethane	6.074	62	128566	44.156	ug/l	98
43) Isopropyl Acetate	6.324	43	192216	43.445	ug/l	99
44) Trichloroethene	7.116	130	79440	42.939	ug/l	96
45) 1,2-Dichloropropane	7.415	63	89404	45.626	ug/l	95
46) Dibromomethane	7.568	93	64689	45.366	ug/l	99
47) Bromodichloromethane	7.805	83	134519	45.716	ug/l	99
48) Methyl methacrylate	7.677	41	97445	44.216	ug/l	97
49) 1,4-Dioxane	7.647	88	22976	1031.610	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	609445	248.443	ug/l	100
52) Toluene	8.702	92	205603	43.610	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	128330	42.757	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	136070	42.416	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	86251	47.444	ug/l	98
56) Ethyl methacrylate	9.104	69	131053	45.903	ug/l	98
57) 1,3-Dichloropropane	9.293	76	147314	47.172	ug/l	99
59) 2-Hexanone	9.415	43	419455	238.084	ug/l	99
60) Dibromochloromethane	9.506	129	100804	48.124	ug/l	99
61) 1,2-Dibromoethane	9.592	107	86373	46.646	ug/l	99
64) Tetrachloroethene	9.256	164	60719	37.715	ug/l	99
65) Chlorobenzene	10.061	112	230042	41.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	83733	43.250	ug/l	99
67) Ethyl Benzene	10.177	91	386803	39.957	ug/l	100
68) m/p-Xylenes	10.287	106	291564	80.919	ug/l	99
69) o-Xylene	10.628	106	142478	40.882	ug/l	98
70) Styrene	10.640	104	244337	40.012	ug/l	99
71) Bromoform	10.780	173	62998	43.579	ug/l #	99
73) Isopropylbenzene	10.945	105	363092	36.786	ug/l	99
74) N-amyl acetate	10.829	43	162480	36.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	124569	41.714	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	109747m	41.751	ug/l	
77) Bromobenzene	11.183	156	90413	37.192	ug/l	98
78) n-propylbenzene	11.286	91	425161	36.438	ug/l	99
79) 2-Chlorotoluene	11.347	91	261266	36.559	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	297001	36.625	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	35748	34.681	ug/l	99
82) 4-Chlorotoluene	11.439	91	309110	36.623	ug/l	99
83) tert-Butylbenzene	11.695	119	306721	36.948	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	301551	36.678	ug/l	100
85) sec-Butylbenzene	11.872	105	360024	36.512	ug/l	100
86) p-Isopropyltoluene	11.994	119	300848	36.039	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	165446	36.641	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	168885	36.442	ug/l	100
89) n-Butylbenzene	12.317	91	271876	35.198	ug/l	99
90) Hexachloroethane	12.518	117	54751	37.357	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	161647	37.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	23564	38.974	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	95639	34.208	ug/l	99
94) Hexachlorobutadiene	13.707	225	31752	33.436	ug/l	99
95) Naphthalene	13.756	128	313987	36.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	94102	36.184	ug/l	99

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

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

