

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047928.D
 Acq On : 01 Oct 2025 10:59
 Operator : JC/MD
 Sample : VX1001WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Quant Time: Oct 03 01:16:11 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	5.532	168	143368	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	256464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	116722	51.148	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.300%			
35) Dibromofluoromethane	5.367	113	90497	52.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.629	98	308951	51.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.820%			
62) 4-Bromofluorobenzene	11.061	95	115941	51.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	29795	20.069	ug/l	95
3) Chloromethane	1.301	50	36407	18.659	ug/l	97
4) Vinyl Chloride	1.380	62	37334	19.547	ug/l	99
5) Bromomethane	1.618	94	27176	22.438	ug/l	98
6) Chloroethane	1.697	64	24793	19.422	ug/l	98
7) Trichlorofluoromethane	1.898	101	55384	19.529	ug/l	97
8) Diethyl Ether	2.136	74	22856	19.702	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	33095	19.958	ug/l	99
10) Methyl Iodide	2.453	142	41522	16.055	ug/l	96
11) Tert butyl alcohol	2.941	59	20372	80.154	ug/l	98
12) 1,1-Dichloroethene	2.325	96	33196	19.489	ug/l	95
13) Acrolein	2.239	56	16119	68.822	ug/l	99
14) Allyl chloride	2.666	41	65150	18.535	ug/l	99
15) Acrylonitrile	3.056	53	95367	101.301	ug/l	99
16) Acetone	2.374	43	94426	95.164	ug/l	99
17) Carbon Disulfide	2.514	76	84931	18.213	ug/l	99
18) Methyl Acetate	2.697	43	44709	20.246	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	122020	19.624	ug/l	100
20) Methylene Chloride	2.788	84	43680	20.797	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	35861	19.555	ug/l	96
22) Diisopropyl ether	3.745	45	138849	20.383	ug/l #	81
23) Vinyl Acetate	3.709	43	534353	98.011	ug/l	99
24) 1,1-Dichloroethane	3.605	63	74689	20.628	ug/l	100
25) 2-Butanone	4.538	43	118738	95.934	ug/l	98
26) 2,2-Dichloropropane	4.465	77	59600	19.803	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	46387	20.654	ug/l	97
28) Bromochloromethane	4.885	49	30651	19.391	ug/l	98
29) Tetrahydrofuran	4.983	42	69981	93.988	ug/l	99
30) Chloroform	5.074	83	77569	21.201	ug/l	100
31) Cyclohexane	5.452	56	54769	18.162	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	62984	20.295	ug/l	98
36) 1,1-Dichloropropene	5.678	75	47797	19.018	ug/l	99
37) Ethyl Acetate	4.696	43	43361	16.113	ug/l	97
38) Carbon Tetrachloride	5.660	117	54154	19.831	ug/l	98
39) Methylcyclohexane	7.360	83	50895	17.839	ug/l	97
40) Benzene	6.019	78	154444	20.232	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	26469	19.053	ug/l	97
42) 1,2-Dichloroethane	6.068	62	59300	20.417	ug/l	100
43) Isopropyl Acetate	6.318	43	82812	18.763	ug/l	99
44) Trichloroethene	7.104	130	36839	19.961	ug/l	96
45) 1,2-Dichloropropane	7.409	63	41267	21.112	ug/l	98
46) Dibromomethane	7.562	93	29032	20.410	ug/l	99
47) Bromodichloromethane	7.806	83	61587	20.982	ug/l	97
48) Methyl methacrylate	7.677	41	40745	18.534	ug/l	99
49) 1,4-Dioxane	7.647	88	9318	419.406	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	244517	99.924	ug/l	98
52) Toluene	8.702	92	94738	20.144	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	59556	19.892	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	64556	20.173	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	38757	21.372	ug/l	98
56) Ethyl methacrylate	9.098	69	55203	19.383	ug/l	98
57) 1,3-Dichloropropane	9.293	76	65633	21.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	128537	101.513	ug/l	99
59) 2-Hexanone	9.415	43	170104	96.790	ug/l	100
60) Dibromochloromethane	9.506	129	45160	21.613	ug/l	99
61) 1,2-Dibromoethane	9.592	107	39392	21.326	ug/l	99
64) Tetrachloroethene	9.256	164	29231	19.018	ug/l	96
65) Chlorobenzene	10.061	112	108167	20.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	37627	20.357	ug/l	97
67) Ethyl Benzene	10.177	91	178322	19.294	ug/l	99
68) m/p-Xylenes	10.281	106	134798	39.185	ug/l	99
69) o-Xylene	10.622	106	65016	19.540	ug/l	99
70) Styrene	10.640	104	116119	19.917	ug/l	98
71) Bromoform	10.781	173	28082	20.347	ug/l #	99
73) Isopropylbenzene	10.945	105	168530	18.892	ug/l	100
74) N-amyl acetate	10.823	43	72147	17.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	53088	19.670	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	41680m	17.544	ug/l	
77) Bromobenzene	11.183	156	42848	19.502	ug/l	98
78) n-propylbenzene	11.287	91	201137	19.073	ug/l	100
79) 2-Chlorotoluene	11.348	91	122591	18.980	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	139295	19.006	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	15793	16.952	ug/l	97
82) 4-Chlorotoluene	11.439	91	147172	19.293	ug/l	98
83) tert-Butylbenzene	11.695	119	141601	18.873	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	142439	19.169	ug/l	100
85) sec-Butylbenzene	11.872	105	167012	18.741	ug/l	100
86) p-Isopropyltoluene	11.988	119	142178	18.845	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79760	19.544	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	81177	19.381	ug/l	98
89) n-Butylbenzene	12.317	91	129623	18.568	ug/l	99
90) Hexachloroethane	12.518	117	26051	19.667	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	76305	19.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	9081	16.618	ug/l	89
93) 1,2,4-Trichlorobenzene	13.567	180	45852	18.146	ug/l	99
94) Hexachlorobutadiene	13.707	225	16270	18.956	ug/l	99
95) Naphthalene	13.756	128	131572	17.100	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	43451	18.486	ug/l	98

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

