

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047986.D
 Acq On : 03 Oct 2025 12:22
 Operator : JC/MD
 Sample : VX1003WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS02

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 23:45:14 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

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	126673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	223242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	203303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107996	53.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.120%	
35) Dibromofluoromethane	5.367	113	82433	55.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.120%	
50) Toluene-d8	8.635	98	277687	53.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	11.061	95	106162	53.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	24581	18.740	ug/l	99
3) Chloromethane	1.301	50	29342	17.020	ug/l	96
4) Vinyl Chloride	1.380	62	30471	18.056	ug/l	99
5) Bromomethane	1.618	94	21736	20.312	ug/l	100
6) Chloroethane	1.697	64	20534	18.205	ug/l	99
7) Trichlorofluoromethane	1.898	101	47376	18.907	ug/l	95
8) Diethyl Ether	2.136	74	18804	18.345	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	28877	19.709	ug/l	98
10) Methyl Iodide	2.453	142	36576	16.007	ug/l	97
11) Tert butyl alcohol	2.934	59	17490	77.884	ug/l	95
12) 1,1-Dichloroethene	2.325	96	27340	18.166	ug/l	97
13) Acrolein	2.233	56	18482	89.311	ug/l	99
14) Allyl chloride	2.666	41	53719	17.297	ug/l	99
15) Acrylonitrile	3.056	53	80543	96.830	ug/l	98
16) Acetone	2.374	43	66049	75.338	ug/l	98
17) Carbon Disulfide	2.514	76	67602	16.408	ug/l	98
18) Methyl Acetate	2.697	43	38893	19.934	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	104908	19.095	ug/l	96
20) Methylene Chloride	2.788	84	36299	19.560	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	30041	18.540	ug/l	97
22) Diisopropyl ether	3.751	45	121631	20.209	ug/l	97
23) Vinyl Acetate	3.709	43	455775	94.616	ug/l	100
24) 1,1-Dichloroethane	3.599	63	63044	19.707	ug/l	99
25) 2-Butanone	4.538	43	93517	85.515	ug/l	100
26) 2,2-Dichloropropane	4.465	77	47792	17.972	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	38365	19.334	ug/l	99
28) Bromochloromethane	4.885	49	28377	20.319	ug/l	100
29) Tetrahydrofuran	4.983	42	59475	90.406	ug/l	99
30) Chloroform	5.074	83	65984	20.411	ug/l	95
31) Cyclohexane	5.452	56	45397	17.038	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	54188	19.762	ug/l	99
36) 1,1-Dichloropropene	5.678	75	38668	17.675	ug/l	97
37) Ethyl Acetate	4.696	43	41660	17.785	ug/l	98
38) Carbon Tetrachloride	5.660	117	45275	19.047	ug/l	94
39) Methylcyclohexane	7.367	83	43965	17.704	ug/l	94
40) Benzene	6.019	78	130214	19.597	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	23709	19.606	ug/l	97
42) 1,2-Dichloroethane	6.068	62	51249	20.271	ug/l	98
43) Isopropyl Acetate	6.318	43	69942	18.206	ug/l	99
44) Trichloroethene	7.111	130	30783	19.162	ug/l	91
45) 1,2-Dichloropropane	7.415	63	34658	20.370	ug/l	98
46) Dibromomethane	7.568	93	25268	20.408	ug/l	99
47) Bromodichloromethane	7.806	83	53374	20.890	ug/l	99
48) Methyl methacrylate	7.678	41	33882	17.706	ug/l	98
49) 1,4-Dioxane	7.641	88	7806	403.637	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	205051	96.266	ug/l	98
52) Toluene	8.702	92	79425	19.401	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	50330	19.312	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	54652	19.620	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	33013	20.914	ug/l	98
56) Ethyl methacrylate	9.098	69	47680	19.233	ug/l	96
57) 1,3-Dichloropropane	9.293	76	57474	21.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	119833	108.060	ug/l	99
59) 2-Hexanone	9.415	43	135325	88.459	ug/l	100
60) Dibromochloromethane	9.506	129	38514	21.175	ug/l	99
61) 1,2-Dibromoethane	9.592	107	33310	20.717	ug/l	98
64) Tetrachloroethene	9.256	164	24781	18.698	ug/l	93
65) Chlorobenzene	10.061	112	89592	19.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	32462	20.368	ug/l	99
67) Ethyl Benzene	10.177	91	149076	18.707	ug/l	98
68) m/p-Xylenes	10.287	106	112155	37.811	ug/l	100
69) o-Xylene	10.622	106	54811	19.105	ug/l	99
70) Styrene	10.640	104	95723	19.042	ug/l	98
71) Bromoform	10.781	173	23667	19.887	ug/l #	100
73) Isopropylbenzene	10.945	105	141532	18.272	ug/l	100
74) N-amyl acetate	10.829	43	59525	16.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	46242	19.732	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	39632m	19.212	ug/l	
77) Bromobenzene	11.183	156	36018	18.879	ug/l	97
78) n-propylbenzene	11.287	91	166982	18.236	ug/l	99
79) 2-Chlorotoluene	11.348	91	103483	18.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	117466	18.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12900	15.947	ug/l	97
82) 4-Chlorotoluene	11.439	91	122332	18.469	ug/l	100
83) tert-Butylbenzene	11.695	119	119792	18.388	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	118395	18.350	ug/l	98
85) sec-Butylbenzene	11.872	105	144326	18.651	ug/l	100
86) p-Isopropyltoluene	11.988	119	121030	18.475	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	67091	18.933	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	68424	18.814	ug/l	99
89) n-Butylbenzene	12.317	91	111009	18.313	ug/l	99
90) Hexachloroethane	12.518	117	21335	18.549	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	63888	18.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7777	16.391	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	38307	17.459	ug/l	99
94) Hexachlorobutadiene	13.707	225	14383	19.299	ug/l	98
95) Naphthalene	13.756	128	108339	16.216	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	36104	17.690	ug/l	99

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

