

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046936.D
 Acq On : 10 Jul 2025 12:10
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:26:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	342120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	567066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	521192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	270401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	234548	51.894	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.780%			
35) Dibromofluoromethane	5.391	113	197050	51.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.647	98	678032	49.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.860%			
62) 4-Bromofluorobenzene	11.079	95	271465	52.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	61016	18.649	ug/l	96
3) Chloromethane	1.307	50	67307	18.828	ug/l	99
4) Vinyl Chloride	1.386	62	71046	18.250	ug/l	95
5) Bromomethane	1.630	94	48098	19.229	ug/l	95
6) Chloroethane	1.703	64	46534	18.103	ug/l	96
7) Trichlorofluoromethane	1.904	101	116905	19.422	ug/l	98
8) Diethyl Ether	2.148	74	41110	19.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	75030	19.562	ug/l	98
10) Methyl Iodide	2.465	142	74997	17.948	ug/l	99
11) Tert butyl alcohol	2.946	59	30821	103.975	ug/l	99
12) 1,1-Dichloroethene	2.337	96	67539	18.206	ug/l	98
13) Acrolein	2.245	56	31369	97.516	ug/l	99
14) Allyl chloride	2.678	41	124487	18.848	ug/l	100
15) Acrylonitrile	3.068	53	174048	101.555	ug/l	99
16) Acetone	2.386	43	135205	96.305	ug/l	92
17) Carbon Disulfide	2.526	76	164198	16.877	ug/l	99
18) Methyl Acetate	2.715	43	85181	23.019	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	209200	19.969	ug/l	99
20) Methylene Chloride	2.800	84	85351	20.559	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	73715	19.419	ug/l	95
22) Diisopropyl ether	3.763	45	260326	20.401	ug/l #	79
23) Vinyl Acetate	3.733	43	943294	98.673	ug/l	99
24) 1,1-Dichloroethane	3.617	63	144666	19.879	ug/l	99
25) 2-Butanone	4.562	43	196139	104.714	ug/l	99
26) 2,2-Dichloropropane	4.483	77	100390	18.536	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89983	19.415	ug/l	99
28) Bromochloromethane	4.903	49	77759	21.650	ug/l	98
29) Tetrahydrofuran	5.013	42	124356	104.148	ug/l	99
30) Chloroform	5.099	83	146648	19.725	ug/l	96
31) Cyclohexane	5.483	56	121774	18.849	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	119784	19.284	ug/l	97
36) 1,1-Dichloropropene	5.702	75	98120	18.893	ug/l	99
37) Ethyl Acetate	4.727	43	83234	18.817	ug/l	98
38) Carbon Tetrachloride	5.684	117	106862	19.463	ug/l	96
39) Methylcyclohexane	7.385	83	115800	17.825	ug/l	98
40) Benzene	6.043	78	299729	19.081	ug/l	99

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41) Methacrylonitrile	4.934	41	50916	21.578	ug/l	99
42) 1,2-Dichloroethane	6.092	62	106539	19.973	ug/l	99
43) Isopropyl Acetate	6.342	43	136536	20.152	ug/l	100
44) Trichloroethene	7.129	130	74786	18.289	ug/l	96
45) 1,2-Dichloropropane	7.433	63	77257	19.466	ug/l	96
46) Dibromomethane	7.586	93	54255	19.730	ug/l	100
47) Bromodichloromethane	7.824	83	114011	19.418	ug/l	97
48) Methyl methacrylate	7.696	41	70593	20.179	ug/l	98
49) 1,4-Dioxane	7.665	88	16434	405.420	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	422464	105.653	ug/l	99
52) Toluene	8.720	92	191596	19.683	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	99831	19.051	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115486	19.308	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	74446	20.533	ug/l	97
56) Ethyl methacrylate	9.116	69	97179	19.365	ug/l	95
57) 1,3-Dichloropropane	9.311	76	125336	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	272902	96.516	ug/l	100
59) 2-Hexanone	9.427	43	285526	107.654	ug/l	99
60) Dibromochloromethane	9.518	129	86441	19.922	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73636	20.222	ug/l	98
64) Tetrachloroethene	9.275	164	63838	18.397	ug/l	98
65) Chlorobenzene	10.079	112	216268	19.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	73716	19.460	ug/l	99
67) Ethyl Benzene	10.195	91	372697	19.313	ug/l	100
68) m/p-Xylenes	10.299	106	280311	38.549	ug/l	100
69) o-Xylene	10.640	106	134279	19.117	ug/l	100
70) Styrene	10.652	104	236656	19.693	ug/l	99
71) Bromoform	10.799	173	54539	19.364	ug/l	98
73) Isopropylbenzene	10.957	105	358608	18.866	ug/l	99
74) N-amyl acetate	10.841	43	121038	18.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101874	19.491	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79044m	18.919	ug/l	
77) Bromobenzene	11.195	156	88746	18.744	ug/l	100
78) n-propylbenzene	11.305	91	429853	18.754	ug/l	99
79) 2-Chlorotoluene	11.360	91	256603	18.960	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	293197	18.983	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27406	17.602	ug/l	95
82) 4-Chlorotoluene	11.451	91	300271	19.226	ug/l	100
83) tert-Butylbenzene	11.713	119	301031	18.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	297901	19.082	ug/l	95
85) sec-Butylbenzene	11.890	105	372487	18.520	ug/l	99
86) p-Isopropyltoluene	12.006	119	314193	18.654	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	168470	19.025	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	170202	18.469	ug/l	99
89) n-Butylbenzene	12.329	91	283785	17.932	ug/l	99
90) Hexachloroethane	12.536	117	53299	17.851	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	160687	18.726	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17681	19.341	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	103852	17.815	ug/l	99
94) Hexachlorobutadiene	13.725	225	37291	16.962	ug/l	99
95) Naphthalene	13.774	128	295355	19.227	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102820	18.667	ug/l	100

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

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