

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046660.D
 Acq On : 12 Jun 2025 13:38
 Operator : JC/MD
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Quant Time: Jun 13 01:42:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85578	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.769	114	144622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63210	41.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.040%		
35) Dibromofluoromethane	5.397	113	51021	47.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	8.647	98	167446	47.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	11.079	95	69758	48.084	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	17232	14.504	ug/l	100
3) Chloromethane	1.306	50	15679	14.498	ug/l	97
4) Vinyl Chloride	1.386	62	16285	15.106	ug/l	100
5) Bromomethane	1.623	94	10482	16.017	ug/l	99
6) Chloroethane	1.703	64	10352	14.800	ug/l	95
7) Trichlorofluoromethane	1.904	101	27911	15.648	ug/l	92
8) Diethyl Ether	2.148	74	10221	16.219	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.343	101	19140	17.032	ug/l	95
10) Methyl Iodide	2.465	142	17822	14.630	ug/l	95
11) Tert butyl alcohol	2.965	59	14604	86.443	ug/l	99
12) 1,1-Dichloroethene	2.331	96	17566	17.289	ug/l	84
13) Acrolein	2.251	56	9994	73.047	ug/l	100
14) Allyl chloride	2.678	41	33622	16.850	ug/l	93
15) Acrylonitrile	3.074	53	58711	91.913	ug/l	99
16) Acetone	2.392	43	52132	90.187	ug/l	92
17) Carbon Disulfide	2.526	76	33805	15.809	ug/l	100
18) Methyl Acetate	2.715	43	35232	19.427	ug/l	95
19) Methyl tert-butyl Ether	3.129	73	66811	18.793	ug/l	98
20) Methylene Chloride	2.800	84	21926	17.951	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	18523	17.227	ug/l	97
22) Diisopropyl ether	3.769	45	72754	18.494	ug/l #	65
23) Vinyl Acetate	3.733	43	272827	89.826	ug/l	99
24) 1,1-Dichloroethane	3.623	63	38925	17.753	ug/l	99
25) 2-Butanone	4.568	43	74592	88.008	ug/l	96
26) 2,2-Dichloropropane	4.483	77	29645	18.213	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	23891	18.050	ug/l	95
28) Bromochloromethane	4.909	49	26095	24.953	ug/l	92
29) Tetrahydrofuran	5.013	42	45745	85.463	ug/l	96
30) Chloroform	5.105	83	41974	18.271	ug/l	97
31) Cyclohexane	5.476	56	29749	16.807	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	35020	17.821	ug/l	97
36) 1,1-Dichloropropene	5.702	75	25822	16.997	ug/l	97
37) Ethyl Acetate	4.727	43	29586	19.954	ug/l	99
38) Carbon Tetrachloride	5.690	117	29642	17.420	ug/l	99
39) Methylcyclohexane	7.385	83	29365	16.376	ug/l	95
40) Benzene	6.049	78	79810	18.661	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	16120	17.507	ug/l #	92
42) 1,2-Dichloroethane	6.098	62	31253	17.565	ug/l	97
43) Isopropyl Acetate	6.348	43	46852	18.125	ug/l	96
44) Trichloroethene	7.129	130	20132	18.526	ug/l	97
45) 1,2-Dichloropropane	7.433	63	21411	19.396	ug/l	96
46) Dibromomethane	7.586	93	15723	18.933	ug/l	94
47) Bromodichloromethane	7.824	83	33506	19.622	ug/l	98
48) Methyl methacrylate	7.696	41	24360	18.316	ug/l	92
49) 1,4-Dioxane	7.659	88	6794	382.003	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	158516	96.503	ug/l	97
52) Toluene	8.720	92	52013	19.796	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29385	19.193	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	32617	19.161	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	21748	20.618	ug/l	99
56) Ethyl methacrylate	9.116	69	32307	19.903	ug/l	92
57) 1,3-Dichloropropane	9.311	76	35837	19.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	87671	99.160	ug/l	97
59) 2-Hexanone	9.433	43	113348	96.217	ug/l	95
60) Dibromochloromethane	9.518	129	25395	20.468	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21756	19.793	ug/l	98
64) Tetrachloroethene	9.275	164	16534	18.916	ug/l	98
65) Chlorobenzene	10.079	112	59264	19.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21995	21.172	ug/l	98
67) Ethyl Benzene	10.195	91	99830	18.601	ug/l	97
68) m/p-Xylenes	10.299	106	77489	39.802	ug/l	94
69) o-Xylene	10.640	106	37114	19.709	ug/l	98
70) Styrene	10.652	104	66406	20.601	ug/l	96
71) Bromoform	10.799	173	16330	20.616	ug/l #	99
73) Isopropylbenzene	10.963	105	101339	18.679	ug/l	99
74) N-amyl acetate	10.841	43	42555	17.811	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33322	19.188	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	26882m	18.389	ug/l	
77) Bromobenzene	11.195	156	24285	19.285	ug/l	93
78) n-propylbenzene	11.305	91	118689	18.075	ug/l	98
79) 2-Chlorotoluene	11.366	91	72123	18.214	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	85488	18.909	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9208	18.170	ug/l	91
82) 4-Chlorotoluene	11.451	91	86099	18.344	ug/l	97
83) tert-Butylbenzene	11.713	119	84512	18.363	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	85107	18.609	ug/l	98
85) sec-Butylbenzene	11.890	105	106791	18.059	ug/l	99
86) p-Isopropyltoluene	12.006	119	92930	18.850	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	47662	19.491	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48120	18.991	ug/l	99
89) n-Butylbenzene	12.329	91	85715	17.705	ug/l	99
90) Hexachloroethane	12.536	117	15279	17.437	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	45679	19.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6541	16.820	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	31308	19.444	ug/l	97
94) Hexachlorobutadiene	13.725	225	13715	18.328	ug/l	99
95) Naphthalene	13.774	128	101037	19.787	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30574	18.936	ug/l	99

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

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