

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047361.D
 Acq On : 15 Aug 2025 14:49
 Operator : JC/MD
 Sample : VX0815WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBSD01

Quant Time: Aug 18 04:33:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	232894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	184649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170346	52.263	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.391	113	131425	50.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	469487	50.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	183400	53.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50888	17.141	ug/l	97
3) Chloromethane	1.313	50	43382	16.243	ug/l	97
4) Vinyl Chloride	1.392	62	55322	16.503	ug/l	98
5) Bromomethane	1.630	94	26040	19.232	ug/l	93
6) Chloroethane	1.709	64	33342	16.256	ug/l	95
7) Trichlorofluoromethane	1.904	101	79701	16.074	ug/l	95
8) Diethyl Ether	2.148	74	30785	17.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	49283	17.134	ug/l	99
10) Methyl Iodide	2.471	142	71790	14.564	ug/l	95
11) Tert butyl alcohol	2.959	59	25808	91.017	ug/l	99
12) 1,1-Dichloroethene	2.337	96	47841	16.315	ug/l	97
13) Acrolein	2.252	56	50572	84.489	ug/l	97
14) Allyl chloride	2.678	41	84146	16.522	ug/l	99
15) Acrylonitrile	3.081	53	126939	92.645	ug/l	96
16) Acetone	2.392	43	111694	91.167	ug/l	97
17) Carbon Disulfide	2.526	76	143749	16.245	ug/l	98
18) Methyl Acetate	2.715	43	57010	17.957	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	160149	17.953	ug/l	98
20) Methylene Chloride	2.800	84	57211	17.635	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	52038	16.720	ug/l	97
22) Diisopropyl ether	3.770	45	182635	18.141	ug/l	93
23) Vinyl Acetate	3.733	43	752562	91.201	ug/l	100
24) 1,1-Dichloroethane	3.617	63	98191	17.256	ug/l	100
25) 2-Butanone	4.568	43	148012	92.245	ug/l	99
26) 2,2-Dichloropropane	4.489	77	73104	17.021	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	61348	16.924	ug/l	99
28) Bromochloromethane	4.910	49	50696	21.410	ug/l	100
29) Tetrahydrofuran	5.025	42	91375	88.107	ug/l	99
30) Chloroform	5.105	83	103480	17.819	ug/l	98
31) Cyclohexane	5.483	56	86855	16.558	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	85964	17.198	ug/l	98
36) 1,1-Dichloropropene	5.702	75	67131	16.299	ug/l	99
37) Ethyl Acetate	4.721	43	70470	16.481	ug/l	99
38) Carbon Tetrachloride	5.690	117	74361	16.521	ug/l	95
39) Methylcyclohexane	7.385	83	85698	16.681	ug/l	96
40) Benzene	6.050	78	213392	17.309	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	32317	17.923	ug/l	96
42) 1,2-Dichloroethane	6.092	62	77618	17.775	ug/l	99
43) Isopropyl Acetate	6.348	43	110904	18.054	ug/l	99
44) Trichloroethene	7.129	130	52402	16.600	ug/l	99
45) 1,2-Dichloropropane	7.434	63	52644	17.045	ug/l	98
46) Dibromomethane	7.580	93	40549	18.084	ug/l	97
47) Bromodichloromethane	7.824	83	81703	17.577	ug/l	94
48) Methyl methacrylate	7.696	41	57122	17.915	ug/l	98
49) 1,4-Dioxane	7.683	88	10283	331.751	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	331605	93.809	ug/l	98
52) Toluene	8.720	92	133864	17.572	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	72094	17.771	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	81302	17.705	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	52500	18.151	ug/l	99
56) Ethyl methacrylate	9.116	69	74839	17.550	ug/l	97
57) 1,3-Dichloropropane	9.305	76	90084	18.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	170482	89.279	ug/l	99
59) 2-Hexanone	9.433	43	229960	94.047	ug/l	98
60) Dibromochloromethane	9.518	129	59757	17.385	ug/l	100
61) 1,2-Dibromoethane	9.610	107	53226	17.846	ug/l	98
64) Tetrachloroethene	9.275	164	44808	16.897	ug/l	98
65) Chlorobenzene	10.079	112	149103	17.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50188	17.041	ug/l	99
67) Ethyl Benzene	10.195	91	254295	16.958	ug/l	100
68) m/p-Xylenes	10.299	106	193092	34.534	ug/l	98
69) o-Xylene	10.640	106	92460	17.183	ug/l	99
70) Styrene	10.652	104	159574	17.552	ug/l	99
71) Bromoform	10.799	173	38932	17.596	ug/l #	100
73) Isopropylbenzene	10.963	105	243208	16.831	ug/l	99
74) N-amyl acetate	10.841	43	96485	17.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	76661	18.070	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63537m	18.761	ug/l	
77) Bromobenzene	11.195	156	61015	17.292	ug/l	99
78) n-propylbenzene	11.299	91	294205	17.048	ug/l	99
79) 2-Chlorotoluene	11.360	91	178579	17.118	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	207123	17.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8143	16.672	ug/l	87
82) 4-Chlorotoluene	11.451	91	211939	17.234	ug/l	100
83) tert-Butylbenzene	11.713	119	206952	17.448	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	207859	17.483	ug/l	99
85) sec-Butylbenzene	11.890	105	255532	17.381	ug/l	99
86) p-Isopropyltoluene	12.006	119	214649	17.254	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115154	17.083	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	118203	17.050	ug/l	99
89) n-Butylbenzene	12.329	91	200086	17.292	ug/l	98
90) Hexachloroethane	12.536	117	35990	16.490	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	111022	17.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14353	17.494	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	73944	17.239	ug/l	96
94) Hexachlorobutadiene	13.719	225	25418	16.648	ug/l	98
95) Naphthalene	13.774	128	215065	17.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69392	17.163	ug/l	99

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

