

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047132.D
 Acq On : 25 Jul 2025 11:17
 Operator : JC/MD
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Quant Time: Jul 26 00:24:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	280628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	213053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192468	55.058	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.120%			
35) Dibromofluoromethane	5.391	113	161528	54.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.620%			
50) Toluene-d8	8.647	98	495801	51.473	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.940%			
62) 4-Bromofluorobenzene	11.079	95	228506	55.049	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	75385	20.224	ug/l	99
3) Chloromethane	1.313	50	65533	17.774	ug/l	99
4) Vinyl Chloride	1.392	62	77230	19.485	ug/l	98
5) Bromomethane	1.630	94	41673	19.356	ug/l	100
6) Chloroethane	1.709	64	45897	17.631	ug/l	99
7) Trichlorofluoromethane	1.910	101	114464	19.367	ug/l	98
8) Diethyl Ether	2.142	74	40413	19.394	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	68533	19.247	ug/l	99
10) Methyl Iodide	2.471	142	95340	26.272	ug/l	95
11) Tert butyl alcohol	2.953	59	40866	93.566	ug/l	99
12) 1,1-Dichloroethene	2.337	96	66580	18.879	ug/l	100
13) Acrolein	2.245	56	92516	122.913	ug/l	100
14) Allyl chloride	2.678	41	115823	18.168	ug/l	93
15) Acrylonitrile	3.075	53	170007	101.971	ug/l	100
16) Acetone	2.386	43	137116	97.912	ug/l	99
17) Carbon Disulfide	2.526	76	186365	18.266	ug/l	99
18) Methyl Acetate	2.709	43	81002	21.766	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	218961	20.400	ug/l	100
20) Methylene Chloride	2.806	84	74009	19.210	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	69328	19.210	ug/l	97
22) Diisopropyl ether	3.763	45	249978	20.395	ug/l	86
23) Vinyl Acetate	3.727	43	1035944	105.380	ug/l	99
24) 1,1-Dichloroethane	3.623	63	132252	19.404	ug/l	98
25) 2-Butanone	4.562	43	205245	100.655	ug/l	100
26) 2,2-Dichloropropane	4.483	77	103144	19.550	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	82860	19.389	ug/l	99
28) Bromochloromethane	4.903	49	62625	19.972	ug/l	99
29) Tetrahydrofuran	5.019	42	132129	100.428	ug/l	99
30) Chloroform	5.099	83	138832	20.011	ug/l	95
31) Cyclohexane	5.477	56	125102	19.143	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	117829	19.553	ug/l	99
36) 1,1-Dichloropropene	5.702	75	92348	18.215	ug/l	99
37) Ethyl Acetate	4.727	43	94418	20.210	ug/l	98
38) Carbon Tetrachloride	5.684	117	100929	18.651	ug/l	96
39) Methylcyclohexane	7.385	83	115959	18.318	ug/l	94
40) Benzene	6.044	78	283154	19.298	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46823	19.168	ug/l	93
42) 1,2-Dichloroethane	6.092	62	102835	19.896	ug/l	100
43) Isopropyl Acetate	6.342	43	148114	20.336	ug/l	99
44) Trichloroethene	7.129	130	68882	18.307	ug/l	92
45) 1,2-Dichloropropane	7.434	63	70392	19.155	ug/l	98
46) Dibromomethane	7.586	93	51735	20.075	ug/l	99
47) Bromodichloromethane	7.824	83	109614	19.984	ug/l	99
48) Methyl methacrylate	7.696	41	78094	19.683	ug/l	99
49) 1,4-Dioxane	7.714	88	18420m	408.185	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	451673	104.336	ug/l	99
52) Toluene	8.720	92	177177	19.639	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	101664	19.627	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	110243	19.446	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	67583	19.975	ug/l	97
56) Ethyl methacrylate	9.116	69	103341	20.631	ug/l	97
57) 1,3-Dichloropropane	9.311	76	117875	20.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	235672	84.552	ug/l	100
59) 2-Hexanone	9.427	43	312618	109.303	ug/l	98
60) Dibromochloromethane	9.518	129	80663	20.327	ug/l	97
61) 1,2-Dibromoethane	9.610	107	70981	20.063	ug/l	100
64) Tetrachloroethene	9.275	164	58712	19.032	ug/l	98
65) Chlorobenzene	10.079	112	193719	19.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	66415	19.677	ug/l	99
67) Ethyl Benzene	10.195	91	338665	19.321	ug/l	99
68) m/p-Xylenes	10.299	106	255946	39.019	ug/l	99
69) o-Xylene	10.640	106	121096	19.406	ug/l	97
70) Styrene	10.652	104	213736	19.975	ug/l	100
71) Bromoform	10.799	173	52265	20.385	ug/l #	99
73) Isopropylbenzene	10.957	105	324771	19.322	ug/l	100
74) N-amyl acetate	10.841	43	131830	19.438	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	98812	20.580	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78026m	19.786	ug/l	
77) Bromobenzene	11.195	156	77946	19.334	ug/l	99
78) n-propylbenzene	11.299	91	387130	19.274	ug/l	99
79) 2-Chlorotoluene	11.360	91	232033	19.325	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	274058	19.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18644	12.181	ug/l	92
82) 4-Chlorotoluene	11.451	91	276238	19.711	ug/l	100
83) tert-Butylbenzene	11.713	119	274075	19.664	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	272221	19.654	ug/l	97
85) sec-Butylbenzene	11.890	105	343705	19.737	ug/l	99
86) p-Isopropyltoluene	12.006	119	285003	19.735	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150133	19.599	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	148818	19.175	ug/l	98
89) n-Butylbenzene	12.329	91	269662	19.911	ug/l	98
90) Hexachloroethane	12.536	117	49639	19.214	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	142574	19.474	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20011	21.713	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	94218	19.478	ug/l	99
94) Hexachlorobutadiene	13.725	225	33223	20.195	ug/l	98
95) Naphthalene	13.774	128	292691	20.640	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	90967	19.520	ug/l	99

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

