

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047109.D
 Acq On : 24 Jul 2025 11:21
 Operator : JC/MD
 Sample : VX0724WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2025
 Supervised By : Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 01:20:11 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	283453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	214847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182711	51.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.500%			
35) Dibromofluoromethane	5.397	113	152730	51.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	8.647	98	468257	48.792	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.580%			
62) 4-Bromofluorobenzene	11.079	95	216405	52.325	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	73568	19.540	ug/l	98
3) Chloromethane	1.307	50	67524	18.131	ug/l	99
4) Vinyl Chloride	1.392	62	77772	19.426	ug/l	99
5) Bromomethane	1.630	94	43470	19.989	ug/l	98
6) Chloroethane	1.709	64	45042	17.130	ug/l	97
7) Trichlorofluoromethane	1.904	101	111805	18.729	ug/l	99
8) Diethyl Ether	2.148	74	40660	19.318	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	66390	18.459	ug/l	99
10) Methyl Iodide	2.465	142	92620	25.268	ug/l	94
11) Tert butyl alcohol	2.959	59	43247	98.543	ug/l	97
12) 1,1-Dichloroethene	2.337	96	65568	18.407	ug/l	99
13) Acrolein	2.246	56	81815	107.613	ug/l	99
14) Allyl chloride	2.678	41	117309	18.218	ug/l	97
15) Acrylonitrile	3.075	53	159680	94.822	ug/l	99
16) Acetone	2.386	43	129282	91.398	ug/l	97
17) Carbon Disulfide	2.526	76	184017	17.857	ug/l	97
18) Methyl Acetate	2.709	43	74864	19.916	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	210123	19.382	ug/l	99
20) Methylene Chloride	2.800	84	72532	18.639	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	66920	18.358	ug/l	96
22) Diisopropyl ether	3.764	45	250721	20.252	ug/l	88
23) Vinyl Acetate	3.733	43	1004431	101.156	ug/l	99
24) 1,1-Dichloroethane	3.623	63	132120	19.192	ug/l	98
25) 2-Butanone	4.562	43	192767	93.593	ug/l	97
26) 2,2-Dichloropropane	4.483	77	97726	18.338	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	81316	18.838	ug/l	99
28) Bromochloromethane	4.910	49	73170	23.103	ug/l	98
29) Tetrahydrofuran	5.013	42	119896	90.222	ug/l	99
30) Chloroform	5.099	83	134981	19.262	ug/l	100
31) Cyclohexane	5.477	56	122409	18.544	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	115580	18.989	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90079	17.832	ug/l	99
37) Ethyl Acetate	4.715	43	82108	17.640	ug/l	99
38) Carbon Tetrachloride	5.684	117	100496	18.640	ug/l	99
39) Methylcyclohexane	7.385	83	116423	18.459	ug/l	98
40) Benzene	6.044	78	282918	19.353	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46986	19.306	ug/l	97
42) 1,2-Dichloroethane	6.092	62	104705	20.333	ug/l	99
43) Isopropyl Acetate	6.342	43	140997	19.430	ug/l	99
44) Trichloroethene	7.129	130	70537	18.816	ug/l	98
45) 1,2-Dichloropropane	7.434	63	72267	19.737	ug/l	95
46) Dibromomethane	7.580	93	51547	20.076	ug/l	97
47) Bromodichloromethane	7.824	83	107459	19.663	ug/l	97
48) Methyl methacrylate	7.696	41	73862	18.685	ug/l	98
49) 1,4-Dioxane	7.684	88	17039	378.970	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	420786	97.558	ug/l	98
52) Toluene	8.720	92	174298	19.390	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	96046	18.611	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	110773	19.611	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67257	19.951	ug/l	96
56) Ethyl methacrylate	9.116	69	98374	19.712	ug/l	99
57) 1,3-Dichloropropane	9.305	76	117922	20.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	246307	88.693	ug/l	99
59) 2-Hexanone	9.427	43	288441	101.220	ug/l	98
60) Dibromochloromethane	9.519	129	78807	19.933	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67622	19.184	ug/l	98
64) Tetrachloroethene	9.275	164	57412	18.225	ug/l	98
65) Chlorobenzene	10.080	112	196217	19.167	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	66670	19.343	ug/l	98
67) Ethyl Benzene	10.189	91	338573	18.915	ug/l	100
68) m/p-Xylenes	10.299	106	253387	37.828	ug/l	99
69) o-Xylene	10.640	106	122011	19.147	ug/l	100
70) Styrene	10.653	104	212563	19.453	ug/l	98
71) Bromoform	10.799	173	50179	19.166	ug/l #	100
73) Isopropylbenzene	10.957	105	323032	19.058	ug/l	100
74) N-amyl acetate	10.842	43	127677	18.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	95969	19.821	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77034m	19.371	ug/l	
77) Bromobenzene	11.195	156	77803	19.137	ug/l	100
78) n-propylbenzene	11.299	91	386467	19.080	ug/l	99
79) 2-Chlorotoluene	11.360	91	232431	19.197	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	270986	19.352	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20473	13.264	ug/l	96
82) 4-Chlorotoluene	11.451	91	275121	19.467	ug/l	100
83) tert-Butylbenzene	11.713	119	267881	19.059	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	273133	19.555	ug/l	99
85) sec-Butylbenzene	11.890	105	337437	19.215	ug/l	100
86) p-Isopropyltoluene	12.006	119	284005	19.502	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	148202	19.185	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	150281	19.202	ug/l	98
89) n-Butylbenzene	12.329	91	262844	19.246	ug/l	99
90) Hexachloroethane	12.536	117	48419	18.585	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	141908	19.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18241	19.627	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	93816	19.233	ug/l	99
94) Hexachlorobutadiene	13.719	225	34328	20.693	ug/l	99
95) Naphthalene	13.774	128	279530	19.547	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87150	18.545	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

