

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047108.D
 Acq On : 24 Jul 2025 10:55
 Operator : JC/MD
 Sample : VX0724WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 01:19:23 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	5.568	168	305867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	519601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	230557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192133	50.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.860%			
35) Dibromofluoromethane	5.397	113	163756	51.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	8.647	98	508826	48.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	226596	50.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	80454	19.803	ug/l	99
3) Chloromethane	1.313	50	74329	18.496	ug/l	98
4) Vinyl Chloride	1.392	62	83578	19.347	ug/l	95
5) Bromomethane	1.630	94	46950	20.007	ug/l	94
6) Chloroethane	1.709	64	49970	17.612	ug/l	96
7) Trichlorofluoromethane	1.904	101	124311	19.298	ug/l	96
8) Diethyl Ether	2.148	74	42310	18.629	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	74425	19.177	ug/l	98
10) Methyl Iodide	2.471	142	95840	24.231	ug/l	95
11) Tert butyl alcohol	2.959	59	44632	93.779	ug/l #	94
12) 1,1-Dichloroethene	2.337	96	72256	18.798	ug/l	97
13) Acrolein	2.251	56	87354	106.478	ug/l	100
14) Allyl chloride	2.678	41	129635	18.657	ug/l	98
15) Acrylonitrile	3.081	53	168457	92.704	ug/l	99
16) Acetone	2.392	43	143828	94.230	ug/l	99
17) Carbon Disulfide	2.532	76	204121	18.356	ug/l	100
18) Methyl Acetate	2.715	43	74674	18.410	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	219380	18.753	ug/l	99
20) Methylene Chloride	2.806	84	78639	18.727	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	74571	18.958	ug/l	92
22) Diisopropyl ether	3.769	45	263031	19.690	ug/l	98
23) Vinyl Acetate	3.733	43	1043992	97.436	ug/l	99
24) 1,1-Dichloroethane	3.623	63	141222	19.011	ug/l	98
25) 2-Butanone	4.568	43	199019	89.548	ug/l	99
26) 2,2-Dichloropropane	4.489	77	107467	18.689	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	86538	18.579	ug/l	97
28) Bromochloromethane	4.910	49	77320	22.624	ug/l	98
29) Tetrahydrofuran	5.025	42	130016	90.668	ug/l	99
30) Chloroform	5.105	83	145330	19.219	ug/l	98
31) Cyclohexane	5.483	56	136429	19.154	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	124875	19.013	ug/l	99
36) 1,1-Dichloropropene	5.702	75	103830	18.986	ug/l	98
37) Ethyl Acetate	4.721	43	91669	18.192	ug/l	97
38) Carbon Tetrachloride	5.690	117	108902	18.658	ug/l	97
39) Methylcyclohexane	7.385	83	128574	18.831	ug/l	99
40) Benzene	6.050	78	300323	18.976	ug/l	99

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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	47401	17.991	ug/l	96
42) 1,2-Dichloroethane	6.098	62	109317	19.609	ug/l	99
43) Isopropyl Acetate	6.348	43	147716	18.803	ug/l	100
44) Trichloroethene	7.129	130	75415	18.583	ug/l	98
45) 1,2-Dichloropropane	7.433	63	75626	19.079	ug/l	98
46) Dibromomethane	7.586	93	53156	19.123	ug/l	99
47) Bromodichloromethane	7.824	83	114063	19.279	ug/l	99
48) Methyl methacrylate	7.696	41	76293	17.827	ug/l	99
49) 1,4-Dioxane	7.683	88	17148	352.298	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	443017	94.877	ug/l	99
52) Toluene	8.720	92	188234	19.343	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105314	18.850	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	116557	19.061	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	68674	18.818	ug/l	98
56) Ethyl methacrylate	9.116	69	103289	19.118	ug/l	99
57) 1,3-Dichloropropane	9.311	76	121377	19.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	256012	85.155	ug/l	100
59) 2-Hexanone	9.433	43	299956	97.231	ug/l	100
60) Dibromochloromethane	9.518	129	82408	19.253	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69828	18.299	ug/l	97
64) Tetrachloroethene	9.275	164	60989	18.152	ug/l	96
65) Chlorobenzene	10.079	112	205071	18.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	70137	19.079	ug/l	98
67) Ethyl Benzene	10.195	91	362428	18.984	ug/l	100
68) m/p-Xylenes	10.299	106	268945	37.644	ug/l	98
69) o-Xylene	10.640	106	130072	19.138	ug/l	100
70) Styrene	10.652	104	224215	19.239	ug/l	99
71) Bromoform	10.799	173	53141	19.030	ug/l #	96
73) Isopropylbenzene	10.963	105	346531	19.051	ug/l	100
74) N-amyl acetate	10.841	43	132216	18.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99342	19.120	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77830m	18.238	ug/l	
77) Bromobenzene	11.195	156	82142	18.828	ug/l	99
78) n-propylbenzene	11.305	91	420847	19.362	ug/l	100
79) 2-Chlorotoluene	11.360	91	247908	19.080	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	287487	19.131	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21060	12.714	ug/l	96
82) 4-Chlorotoluene	11.451	91	293054	19.323	ug/l	99
83) tert-Butylbenzene	11.713	119	288095	19.101	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	289908	19.342	ug/l	99
85) sec-Butylbenzene	11.890	105	359478	19.075	ug/l	99
86) p-Isopropyltoluene	12.006	119	302313	19.344	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155793	18.794	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	158647	18.890	ug/l	98
89) n-Butylbenzene	12.329	91	286664	19.560	ug/l	98
90) Hexachloroethane	12.536	117	52011	18.603	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	145384	18.350	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18082	18.130	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	99259	18.962	ug/l	98
94) Hexachlorobutadiene	13.725	225	35400	19.885	ug/l	97
95) Naphthalene	13.774	128	286781	18.688	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	95531	18.943	ug/l	99

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

