

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050725\
 Data File : VX046071.D
 Acq On : 07 May 2025 10:55
 Operator : JC/MD
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2025
 Supervised By : Mahesh Dadoda 05/08/2025

Quant Time: May 08 01:46:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	89010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82188	49.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	5.379	113	55661	49.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	8.647	98	193907	49.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.880%		
62) 4-Bromofluorobenzene	11.079	95	72190	48.471	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28892	21.207	ug/l	99
3) Chloromethane	1.307	50	26985	20.425	ug/l	100
4) Vinyl Chloride	1.374	62	24025	19.539	ug/l	100
5) Bromomethane	1.599	94	11240	19.709	ug/l	99
6) Chloroethane	1.672	64	13505	20.574	ug/l	100
7) Trichlorofluoromethane	1.880	101	37579	20.680	ug/l	98
8) Diethyl Ether	2.136	74	12080	19.528	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	22674	20.162	ug/l	99
10) Methyl Iodide	2.447	142	25496	19.160	ug/l	99
11) Tert butyl alcohol	2.965	59	23452	100.681	ug/l	100
12) 1,1-Dichloroethene	2.313	96	20643	19.559	ug/l	95
13) Acrolein	2.233	56	28965	109.189	ug/l	95
14) Allyl chloride	2.660	41	40047	19.853	ug/l	99
15) Acrylonitrile	3.062	53	68260	102.483	ug/l	98
16) Acetone	2.380	43	64994	97.683	ug/l	98
17) Carbon Disulfide	2.508	76	45965	18.370	ug/l	100
18) Methyl Acetate	2.703	43	30980	20.065	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	72314	19.543	ug/l	100
20) Methylene Chloride	2.788	84	24372	19.115	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	21352	20.117	ug/l	96
22) Diisopropyl ether	3.757	45	79765	20.472	ug/l	92
23) Vinyl Acetate	3.721	43	342713	100.004	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43437	20.015	ug/l	97
25) 2-Butanone	4.556	43	96763	100.174	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32825	19.324	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	25761	20.161	ug/l	99
28) Bromochloromethane	4.891	49	21035	20.136	ug/l	97
29) Tetrahydrofuran	5.001	42	61818	102.130	ug/l	99
30) Chloroform	5.086	83	46105	20.382	ug/l	97
31) Cyclohexane	5.464	56	39011	19.726	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	38936	19.857	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29011	19.248	ug/l	98
37) Ethyl Acetate	4.715	43	36865	19.796	ug/l	99
38) Carbon Tetrachloride	5.672	117	34105	20.139	ug/l	98
39) Methylcyclohexane	7.373	83	36764	18.946	ug/l	94
40) Benzene	6.031	78	89948	20.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20522	21.067	ug/l	97
42) 1,2-Dichloroethane	6.080	62	38824	20.376	ug/l	98
43) Isopropyl Acetate	6.336	43	57804	20.347	ug/l	98
44) Trichloroethene	7.123	130	20303	19.107	ug/l	95
45) 1,2-Dichloropropane	7.427	63	22672	20.653	ug/l	97
46) Dibromomethane	7.580	93	17421	20.121	ug/l	99
47) Bromodichloromethane	7.818	83	35163	20.620	ug/l	99
48) Methyl methacrylate	7.690	41	30393	20.948	ug/l	98
49) 1,4-Dioxane	7.659	88	12066	437.998	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	192122	101.881	ug/l	100
52) Toluene	8.714	92	54198	20.021	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	29066	19.176	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33538	20.019	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	22203	20.800	ug/l	98
56) Ethyl methacrylate	9.116	69	34758	20.431	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38953	20.320	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	90485	104.327	ug/l	99
59) 2-Hexanone	9.427	43	145295	104.144	ug/l	99
60) Dibromochloromethane	9.519	129	24214	20.656	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22237	20.044	ug/l	98
64) Tetrachloroethene	9.269	164	18800	19.621	ug/l	96
65) Chlorobenzene	10.073	112	58925	19.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20067	19.827	ug/l	99
67) Ethyl Benzene	10.189	91	105324	20.159	ug/l	100
68) m/p-Xylenes	10.299	106	77275	40.439	ug/l	98
69) o-Xylene	10.640	106	38284	20.550	ug/l	97
70) Styrene	10.653	104	62836	20.590	ug/l	98
71) Bromoform	10.799	173	14798	19.474	ug/l #	98
73) Isopropylbenzene	10.957	105	102670	20.701	ug/l	98
74) N-amyl acetate	10.841	43	48355	19.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34872	20.064	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	30210m	19.701	ug/l	
77) Bromobenzene	11.195	156	22921	19.907	ug/l	99
78) n-propylbenzene	11.299	91	116082	20.130	ug/l	100
79) 2-Chlorotoluene	11.360	91	74478	20.023	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85702	20.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8544	18.141	ug/l	92
82) 4-Chlorotoluene	11.451	91	84353	20.450	ug/l	99
83) tert-Butylbenzene	11.713	119	83797	20.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86644	20.650	ug/l	99
85) sec-Butylbenzene	11.890	105	103742	20.245	ug/l	100
86) p-Isopropyltoluene	12.006	119	84734	20.032	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41795	19.889	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	42560	19.832	ug/l	98
89) n-Butylbenzene	12.329	91	71731	19.333	ug/l	99
90) Hexachloroethane	12.536	117	14709	19.738	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	43005	20.394	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7700	19.999	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23526	19.424	ug/l	97
94) Hexachlorobutadiene	13.719	225	10194	19.272	ug/l	96
95) Naphthalene	13.774	128	83877	18.882	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	24444	19.560	ug/l	98

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

