

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046081.D
 Acq On : 08 May 2025 11:20
 Operator : JC/MD
 Sample : VX0508WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Quant Time: May 09 01:55:27 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90728	49.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.580%		
35) Dibromofluoromethane	5.379	113	62462	50.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.380%		
50) Toluene-d8	8.647	98	211573	49.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.220%		
62) 4-Bromofluorobenzene	11.079	95	79658	48.207	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29711	19.862	ug/l	96
3) Chloromethane	1.313	50	26941	18.572	ug/l	98
4) Vinyl Chloride	1.374	62	24955	18.484	ug/l	99
5) Bromomethane	1.599	94	11222	17.921	ug/l	100
6) Chloroethane	1.672	64	13881	19.260	ug/l	95
7) Trichlorofluoromethane	1.874	101	38496	19.294	ug/l	100
8) Diethyl Ether	2.130	74	12418	18.283	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22890	18.538	ug/l	97
10) Methyl Iodide	2.447	142	26968	18.458	ug/l	99
11) Tert butyl alcohol	2.971	59	23936	93.588	ug/l	100
12) 1,1-Dichloroethene	2.312	96	21341	18.416	ug/l	95
13) Acrolein	2.233	56	27935	95.908	ug/l	98
14) Allyl chloride	2.654	41	41968	18.949	ug/l	98
15) Acrylonitrile	3.062	53	71056	97.160	ug/l	99
16) Acetone	2.380	43	67906	92.952	ug/l	98
17) Carbon Disulfide	2.508	76	47650	17.344	ug/l	100
18) Methyl Acetate	2.703	43	33048	19.494	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	78579	19.341	ug/l	98
20) Methylene Chloride	2.788	84	24521	17.515	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	21957	18.841	ug/l	96
22) Diisopropyl ether	3.763	45	82904	19.378	ug/l	97
23) Vinyl Acetate	3.721	43	357968	95.133	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46330	19.443	ug/l	97
25) 2-Butanone	4.556	43	102390	96.539	ug/l	97
26) 2,2-Dichloropropane	4.465	77	33519	17.972	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27420	19.544	ug/l	97
28) Bromochloromethane	4.891	49	23913	20.849	ug/l	99
29) Tetrahydrofuran	5.007	42	64605	97.209	ug/l	100
30) Chloroform	5.086	83	49183	19.803	ug/l	99
31) Cyclohexane	5.464	56	41483	19.104	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	41440	19.248	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30344	18.145	ug/l	99
37) Ethyl Acetate	4.715	43	37823	18.307	ug/l	99
38) Carbon Tetrachloride	5.672	117	35426	18.854	ug/l	98
39) Methylcyclohexane	7.373	83	39142	18.181	ug/l	97
40) Benzene	6.031	78	94792	19.352	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22072	20.422	ug/l	97
42) 1,2-Dichloroethane	6.086	62	40044	18.942	ug/l	100
43) Isopropyl Acetate	6.342	43	61195	19.415	ug/l	98
44) Trichloroethene	7.123	130	21873	18.553	ug/l	100
45) 1,2-Dichloropropane	7.427	63	23731	19.484	ug/l	100
46) Dibromomethane	7.580	93	18545	19.305	ug/l	97
47) Bromodichloromethane	7.818	83	36386	19.231	ug/l	96
48) Methyl methacrylate	7.696	41	31721	19.706	ug/l	99
49) 1,4-Dioxane	7.659	88	12727	416.399	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	204540	97.762	ug/l	98
52) Toluene	8.714	92	57389	19.107	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29985	17.830	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34522	18.573	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	22879	19.319	ug/l	98
56) Ethyl methacrylate	9.116	69	36760	19.475	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41307	19.421	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	91264	94.841	ug/l	98
59) 2-Hexanone	9.427	43	151942	98.160	ug/l	100
60) Dibromochloromethane	9.519	129	25083	19.285	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23506	19.096	ug/l	96
64) Tetrachloroethene	9.269	164	19802	18.937	ug/l	96
65) Chlorobenzene	10.079	112	60865	18.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20947	18.964	ug/l	98
67) Ethyl Benzene	10.189	91	111800	19.608	ug/l	100
68) m/p-Xylenes	10.299	106	81709	39.181	ug/l	98
69) o-Xylene	10.640	106	40954	20.144	ug/l	98
70) Styrene	10.652	104	66398	19.937	ug/l	99
71) Bromoform	10.799	173	15535	18.733	ug/l #	96
73) Isopropylbenzene	10.957	105	108018	20.210	ug/l	99
74) N-amyl acetate	10.841	43	51097	19.347	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36452	19.462	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31838m	19.267	ug/l	
77) Bromobenzene	11.195	156	24434	19.691	ug/l	97
78) n-propylbenzene	11.299	91	123628	19.893	ug/l	99
79) 2-Chlorotoluene	11.360	91	77625	19.365	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	90424	20.251	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8871	17.477	ug/l	95
82) 4-Chlorotoluene	11.451	91	87403	19.662	ug/l	99
83) tert-Butylbenzene	11.713	119	90081	20.028	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	90858	20.093	ug/l	100
85) sec-Butylbenzene	11.890	105	109461	19.821	ug/l	99
86) p-Isopropyltoluene	12.006	119	89406	19.614	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44061	19.456	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44060	19.051	ug/l	99
89) n-Butylbenzene	12.329	91	75618	18.912	ug/l	99
90) Hexachloroethane	12.536	117	15534	19.343	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	45764	20.138	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7740	18.654	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	24066	18.438	ug/l	98
94) Hexachlorobutadiene	13.725	225	10658	18.697	ug/l	97
95) Naphthalene	13.774	128	87722	18.324	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	25237	18.739	ug/l	99

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

