

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046969.D
 Acq On : 14 Jul 2025 13:37
 Operator : JC/MD
 Sample : VX0714WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Quant Time: Jul 15 01:19:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	295675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	497201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	230311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	224521	57.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.960%			
35) Dibromofluoromethane	5.397	113	183645	54.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	8.652	98	624707	52.462	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.079	95	248076	54.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	48505	17.153	ug/l	97
3) Chloromethane	1.306	50	50326	16.290	ug/l	100
4) Vinyl Chloride	1.386	62	57046	16.956	ug/l	94
5) Bromomethane	1.623	94	39127	18.100	ug/l	96
6) Chloroethane	1.703	64	40662	18.303	ug/l	98
7) Trichlorofluoromethane	1.904	101	93710	18.014	ug/l	100
8) Diethyl Ether	2.148	74	37702	20.366	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	62372	18.816	ug/l	98
10) Methyl Iodide	2.465	142	49515	13.711	ug/l	97
11) Tert butyl alcohol	2.958	59	47121	183.933	ug/l	98
12) 1,1-Dichloroethene	2.330	96	58706	18.310	ug/l	95
13) Acrolein	2.251	56	27950	100.448	ug/l	97
14) Allyl chloride	2.678	41	112548	19.717	ug/l	98
15) Acrylonitrile	3.074	53	186291	125.773	ug/l	100
16) Acetone	2.385	43	146554	120.786	ug/l	98
17) Carbon Disulfide	2.526	76	125778	14.959	ug/l	100
18) Methyl Acetate	2.715	43	102566	32.071	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	215702	23.824	ug/l	100
20) Methylene Chloride	2.800	84	71941	20.051	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	61076	18.616	ug/l	95
22) Diisopropyl ether	3.769	45	241944	21.939	ug/l	91
23) Vinyl Acetate	3.733	43	931265	112.717	ug/l	99
24) 1,1-Dichloroethane	3.623	63	127592	20.287	ug/l	98
25) 2-Butanone	4.562	43	232666	143.726	ug/l	96
26) 2,2-Dichloropropane	4.489	77	90372	19.307	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	79053	19.736	ug/l	98
28) Bromochloromethane	4.909	49	68479	22.061	ug/l	95
29) Tetrahydrofuran	5.013	42	149688	145.056	ug/l	98
30) Chloroform	5.104	83	131171	20.414	ug/l	94
31) Cyclohexane	5.476	56	105401	18.877	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	108024	20.123	ug/l	99
36) 1,1-Dichloropropene	5.702	75	84484	18.553	ug/l	99
37) Ethyl Acetate	4.726	43	91310	23.543	ug/l	98
38) Carbon Tetrachloride	5.684	117	90623	18.824	ug/l	98
39) Methylcyclohexane	7.384	83	98914	17.365	ug/l	96
40) Benzene	6.043	78	263863	19.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52160	25.211	ug/l	97
42) 1,2-Dichloroethane	6.092	62	96813	20.700	ug/l	99
43) Isopropyl Acetate	6.342	43	150042	25.257	ug/l	100
44) Trichloroethene	7.134	130	65792	18.350	ug/l	97
45) 1,2-Dichloropropane	7.433	63	68670	19.734	ug/l	99
46) Dibromomethane	7.586	93	50819	21.078	ug/l	97
47) Bromodichloromethane	7.823	83	100458	19.513	ug/l	96
48) Methyl methacrylate	7.695	41	77377	25.226	ug/l	97
49) 1,4-Dioxane	7.659	88	22507	633.259	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	488255	139.265	ug/l	100
52) Toluene	8.720	92	165805	19.427	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	92562	20.146	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	104406	19.909	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	68264	21.473	ug/l	97
56) Ethyl methacrylate	9.116	69	105841	24.055	ug/l	98
57) 1,3-Dichloropropane	9.305	76	115801	21.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	283693	114.431	ug/l	99
59) 2-Hexanone	9.427	43	344297	148.054	ug/l	98
60) Dibromochloromethane	9.518	129	75050	19.727	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70266	22.008	ug/l	98
64) Tetrachloroethene	9.274	164	56136	18.759	ug/l	93
65) Chlorobenzene	10.079	112	186916	19.235	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	63865	19.551	ug/l	98
67) Ethyl Benzene	10.195	91	322526	19.381	ug/l	98
68) m/p-Xylenes	10.299	106	244155	38.935	ug/l	98
69) o-Xylene	10.640	106	120679	19.923	ug/l	98
70) Styrene	10.652	104	209764	20.241	ug/l	99
71) Bromoform	10.798	173	50569	20.820	ug/l #	97
73) Isopropylbenzene	10.963	105	318940	19.700	ug/l	100
74) N-amyl acetate	10.841	43	135246	24.583	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	102554	23.036	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	82580m	23.206	ug/l	
77) Bromobenzene	11.195	156	77814	19.296	ug/l	98
78) n-propylbenzene	11.304	91	376536	19.288	ug/l	99
79) 2-Chlorotoluene	11.359	91	227650	19.749	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	263329	20.017	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27621	20.828	ug/l	94
82) 4-Chlorotoluene	11.451	91	266235	20.014	ug/l	100
83) tert-Butylbenzene	11.713	119	266820	19.638	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	267546	20.121	ug/l	96
85) sec-Butylbenzene	11.890	105	336449	19.640	ug/l	100
86) p-Isopropyltoluene	12.006	119	283025	19.729	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	152109	20.168	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	152597	19.441	ug/l	99
89) n-Butylbenzene	12.329	91	260868	19.353	ug/l	100
90) Hexachloroethane	12.536	117	44903	17.656	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	144547	19.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19391	24.903	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	97479	19.632	ug/l	99
94) Hexachlorobutadiene	13.725	225	37100	19.813	ug/l	99
95) Naphthalene	13.774	128	308881	23.608	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	95755	20.410	ug/l	97

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

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