

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047545.D
 Acq On : 28 Aug 2025 12:37
 Operator : JC/MD
 Sample : VX0828WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Quant Time: Aug 29 02:36:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	232383	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.763	114	403793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	365584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169312	47.445	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.385	113	135709	48.968	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.647	98	454975	46.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	175587	48.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	45406	17.842	ug/l	99
3) Chloromethane	1.313	50	42288	15.214	ug/l	94
4) Vinyl Chloride	1.392	62	52494	16.067	ug/l	97
5) Bromomethane	1.630	94	27718	19.614	ug/l	97
6) Chloroethane	1.703	64	33195	15.991	ug/l	91
7) Trichlorofluoromethane	1.904	101	82350	17.721	ug/l	95
8) Diethyl Ether	2.148	74	32164	17.444	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	50593	18.281	ug/l	99
10) Methyl Iodide	2.465	142	65584	14.316	ug/l	99
11) Tert butyl alcohol	2.959	59	24732	75.401	ug/l	97
12) 1,1-Dichloroethene	2.337	96	49522	16.875	ug/l	92
13) Acrolein	2.246	56	40134	61.038	ug/l	100
14) Allyl chloride	2.678	41	88874	16.531	ug/l	99
15) Acrylonitrile	3.081	53	125658	85.612	ug/l	98
16) Acetone	2.386	43	103902	73.517	ug/l	97
17) Carbon Disulfide	2.526	76	125174	14.344	ug/l	100
18) Methyl Acetate	2.715	43	68117	19.549	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	167734	17.511	ug/l	98
20) Methylene Chloride	2.800	84	58857	16.365	ug/l	94
21) trans-1,2-Dichloroethene	3.105	96	51178	16.387	ug/l	99
22) Diisopropyl ether	3.764	45	197221	18.214	ug/l #	84
23) Vinyl Acetate	3.727	43	752026	85.294	ug/l	99
24) 1,1-Dichloroethane	3.617	63	105848	17.593	ug/l	96
25) 2-Butanone	4.562	43	148507	79.844	ug/l	98
26) 2,2-Dichloropropane	4.483	77	76946	17.694	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	65567	17.232	ug/l	98
28) Bromochloromethane	4.904	49	56222	21.654	ug/l #	99
29) Tetrahydrofuran	5.019	42	89604	77.631	ug/l	99
30) Chloroform	5.099	83	109030	17.796	ug/l	94
31) Cyclohexane	5.483	56	84770	16.894	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	87599	17.550	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69022	17.500	ug/l	100
37) Ethyl Acetate	4.721	43	62551	16.091	ug/l	97
38) Carbon Tetrachloride	5.684	117	74794	17.091	ug/l	93
39) Methylcyclohexane	7.385	83	75948	16.697	ug/l	97
40) Benzene	6.044	78	219922	17.466	ug/l	99

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41) Methacrylonitrile	4.934	41	33978	18.455	ug/l	97
42) 1,2-Dichloroethane	6.086	62	81544	17.990	ug/l	98
43) Isopropyl Acetate	6.342	43	107773	17.254	ug/l	99
44) Trichloroethene	7.129	130	54630	17.510	ug/l	95
45) 1,2-Dichloropropane	7.428	63	57567	18.151	ug/l	98
46) Dibromomethane	7.580	93	41720	17.869	ug/l	99
47) Bromodichloromethane	7.818	83	87369	18.297	ug/l	96
48) Methyl methacrylate	7.696	41	55274	17.202	ug/l	98
49) 1,4-Dioxane	7.678	88	11469	360.817	ug/l	96
51) 4-Methyl-2-Pentanone	8.568	43	317549	86.040	ug/l	100
52) Toluene	8.714	92	136331	17.766	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	77719	18.067	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	84778	17.786	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	54749	18.289	ug/l	98
56) Ethyl methacrylate	9.116	69	78379	17.687	ug/l	98
57) 1,3-Dichloropropane	9.305	76	93430	18.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	186493	98.598	ug/l	99
59) 2-Hexanone	9.427	43	209598	83.132	ug/l	99
60) Dibromochloromethane	9.519	129	64333	17.989	ug/l	100
61) 1,2-Dibromoethane	9.604	107	54637	17.935	ug/l	99
64) Tetrachloroethene	9.269	164	44328	18.099	ug/l	96
65) Chlorobenzene	10.073	112	155021	18.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54989	18.948	ug/l	99
67) Ethyl Benzene	10.189	91	261538	18.186	ug/l	99
68) m/p-Xylenes	10.299	106	198369	37.138	ug/l	99
69) o-Xylene	10.640	106	95676	18.594	ug/l	100
70) Styrene	10.653	104	169056	18.935	ug/l	99
71) Bromoform	10.799	173	40703	18.419	ug/l #	97
73) Isopropylbenzene	10.957	105	247757	18.156	ug/l	99
74) N-amyl acetate	10.842	43	92347	16.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	77285	17.916	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	60284m	18.214	ug/l	
77) Bromobenzene	11.195	156	63162	18.093	ug/l	98
78) n-propylbenzene	11.299	91	293246	18.049	ug/l	99
79) 2-Chlorotoluene	11.360	91	181489	18.013	ug/l	98
80) 1,3,5-Trimethylbenzene	11.445	105	206836	18.538	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11126	18.785	ug/l	99
82) 4-Chlorotoluene	11.451	91	216578	18.319	ug/l	100
83) tert-Butylbenzene	11.713	119	205388	18.261	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	210654	18.522	ug/l	100
85) sec-Butylbenzene	11.890	105	248588	18.368	ug/l	99
86) p-Isopropyltoluene	12.006	119	207949	18.330	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	118688	18.236	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	121174	18.032	ug/l	98
89) n-Butylbenzene	12.329	91	189659	18.113	ug/l	98
90) Hexachloroethane	12.536	117	36018	17.272	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	115461	18.104	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12515	15.729	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	69203	17.801	ug/l	99
94) Hexachlorobutadiene	13.719	225	24582	18.192	ug/l	96
95) Naphthalene	13.774	128	193491	17.027	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	63041	17.263	ug/l	99

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

