

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047036.D
 Acq On : 16 Jul 2025 17:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 17 03:38:28 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 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	295339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	495036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	215507	55.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.460%			
35) Dibromofluoromethane	5.397	113	175295	52.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	8.653	98	587230	49.531	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.060%			
62) 4-Bromofluorobenzene	11.079	95	238753	52.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	127462	45.127	ug/l	100
3) Chloromethane	1.307	50	139447	45.188	ug/l	98
4) Vinyl Chloride	1.386	62	153789	45.763	ug/l	100
5) Bromomethane	1.618	94	92198	42.699	ug/l	98
6) Chloroethane	1.697	64	100984	45.508	ug/l	100
7) Trichlorofluoromethane	1.904	101	256222	49.310	ug/l	100
8) Diethyl Ether	2.148	74	101574	54.930	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	165738	50.056	ug/l	98
10) Methyl Iodide	2.465	142	152436	42.259	ug/l	97
11) Tert butyl alcohol	2.965	59	133018	519.816	ug/l	97
12) 1,1-Dichloroethene	2.337	96	155300	48.493	ug/l	97
13) Acrolein	2.252	56	79897	282.185	ug/l	96
14) Allyl chloride	2.678	41	311267	54.592	ug/l	98
15) Acrylonitrile	3.075	53	518562	350.500	ug/l	100
16) Acetone	2.392	43	411061	339.172	ug/l	96
17) Carbon Disulfide	2.526	76	316200	37.649	ug/l	98
18) Methyl Acetate	2.715	43	289791	90.718	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	578792	63.999	ug/l	98
20) Methylene Chloride	2.806	84	184530	51.490	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	157991	48.212	ug/l	99
22) Diisopropyl ether	3.776	45	647993	58.826	ug/l	100
23) Vinyl Acetate	3.733	43	2552602	309.309	ug/l	99
24) 1,1-Dichloroethane	3.623	63	335290	53.371	ug/l	99
25) 2-Butanone	4.568	43	649475	401.661	ug/l	99
26) 2,2-Dichloropropane	4.489	77	234661	50.190	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	208617	52.141	ug/l	98
28) Bromochloromethane	4.910	49	164585	53.084	ug/l	97
29) Tetrahydrofuran	5.013	42	406848	394.708	ug/l	99
30) Chloroform	5.111	83	346540	53.993	ug/l	99
31) Cyclohexane	5.483	56	266979	47.870	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	289450	53.980	ug/l	99
36) 1,1-Dichloropropene	5.708	75	219041	48.313	ug/l	99
37) Ethyl Acetate	4.727	43	252491	65.386	ug/l	97
38) Carbon Tetrachloride	5.690	117	238178	49.691	ug/l	98
39) Methylcyclohexane	7.391	83	262592	46.302	ug/l	99
40) Benzene	6.050	78	690747	50.371	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	151690	73.639	ug/l	96
42) 1,2-Dichloroethane	6.099	62	253515	54.443	ug/l	98
43) Isopropyl Acetate	6.349	43	430202	72.735	ug/l	99
44) Trichloroethene	7.135	130	173528	48.611	ug/l	99
45) 1,2-Dichloropropane	7.434	63	184394	53.221	ug/l	100
46) Dibromomethane	7.586	93	130320	54.288	ug/l	98
47) Bromodichloromethane	7.824	83	272047	53.075	ug/l	99
48) Methyl methacrylate	7.696	41	218386	71.508	ug/l	97
49) 1,4-Dioxane	7.659	88	63836	1803.950	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1339524	383.744	ug/l	100
52) Toluene	8.720	92	428662	50.444	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	260138	56.867	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	280835	53.785	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	177850	56.190	ug/l	98
56) Ethyl methacrylate	9.116	69	289009	65.971	ug/l	97
57) 1,3-Dichloropropane	9.311	76	302100	55.430	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	756535	306.491	ug/l	99
59) 2-Hexanone	9.427	43	952533	411.397	ug/l	99
60) Dibromochloromethane	9.525	129	205804	54.332	ug/l	98
61) 1,2-Dibromoethane	9.610	107	178219	56.065	ug/l	99
64) Tetrachloroethene	9.275	164	136115	46.438	ug/l	97
65) Chlorobenzene	10.080	112	489154	51.392	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	171524	53.607	ug/l	99
67) Ethyl Benzene	10.195	91	842113	51.663	ug/l	99
68) m/p-Xylenes	10.299	106	634125	103.241	ug/l	99
69) o-Xylene	10.640	106	312658	52.697	ug/l	98
70) Styrene	10.653	104	544764	53.666	ug/l	98
71) Bromoform	10.799	173	136422	57.342	ug/l #	99
73) Isopropylbenzene	10.964	105	828736	53.555	ug/l	99
74) N-amyl acetate	10.842	43	382099	72.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	268944	63.206	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	217331m	63.897	ug/l	
77) Bromobenzene	11.195	156	198345	51.459	ug/l	95
78) n-propylbenzene	11.305	91	978384	52.435	ug/l	100
79) 2-Chlorotoluene	11.360	91	584540	53.055	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	681766	54.222	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79844	62.994	ug/l	96
82) 4-Chlorotoluene	11.451	91	676619	53.218	ug/l	99
83) tert-Butylbenzene	11.713	119	706206	54.380	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	683809	53.805	ug/l	96
85) sec-Butylbenzene	11.890	105	872769	53.303	ug/l	100
86) p-Isopropyltoluene	12.006	119	717775	52.348	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	375288	52.060	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	373047	49.724	ug/l	99
89) n-Butylbenzene	12.329	91	685168	53.182	ug/l	99
90) Hexachloroethane	12.536	117	125589	51.667	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	367762	52.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	55698	74.840	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	252575	53.222	ug/l	98
94) Hexachlorobutadiene	13.719	225	90751	50.706	ug/l	99
95) Naphthalene	13.774	128	869224	69.508	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	247977	55.302	ug/l	99

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

