

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046331.D
 Acq On : 23 May 2025 09:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 23 22:55:40 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 :Semsettin Yesilyurt 05/26/2025
 Supervised By :Mahesh Dadoda 05/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	89943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	86863	51.802	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	5.379	113	59429	53.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	8.647	98	202439	52.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.840%			
62) 4-Bromofluorobenzene	11.079	95	79568	53.716	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64545	46.886	ug/l	97
3) Chloromethane	1.306	50	58836	44.072	ug/l	99
4) Vinyl Chloride	1.374	62	53273	42.877	ug/l	98
5) Bromomethane	1.599	94	25935	45.004	ug/l	95
6) Chloroethane	1.672	64	33980	51.230	ug/l	99
7) Trichlorofluoromethane	1.880	101	89339	48.653	ug/l	98
8) Diethyl Ether	2.130	74	30446	48.706	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	55612	48.939	ug/l	98
10) Methyl Iodide	2.447	142	61527	45.758	ug/l	99
11) Tert butyl alcohol	2.965	59	64532	274.166	ug/l	99
12) 1,1-Dichloroethene	2.312	96	49469	46.384	ug/l	97
13) Acrolein	2.233	56	71978	268.519	ug/l	98
14) Allyl chloride	2.660	41	105111	51.568	ug/l	97
15) Acrylonitrile	3.062	53	181852	270.194	ug/l	98
16) Acetone	2.379	43	176899	263.114	ug/l	100
17) Carbon Disulfide	2.507	76	105198	41.606	ug/l	99
18) Methyl Acetate	2.703	43	98895	63.388	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197614	52.851	ug/l	99
20) Methylene Chloride	2.782	84	59651	46.299	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	50409	47.000	ug/l	92
22) Diisopropyl ether	3.757	45	207508	52.704	ug/l	98
23) Vinyl Acetate	3.715	43	910937	263.054	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111459	50.826	ug/l	99
25) 2-Butanone	4.550	43	266316	272.843	ug/l	99
26) 2,2-Dichloropropane	4.471	77	89521	52.155	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	63472	49.159	ug/l	99
28) Bromochloromethane	4.891	49	54142	51.292	ug/l	100
29) Tetrahydrofuran	5.001	42	166716	272.575	ug/l	98
30) Chloroform	5.086	83	115698	50.618	ug/l	91
31) Cyclohexane	5.464	56	92255	46.166	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	101459	51.206	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72479	48.349	ug/l	100
37) Ethyl Acetate	4.708	43	97648	52.723	ug/l	99
38) Carbon Tetrachloride	5.672	117	85412	50.709	ug/l	99
39) Methylcyclohexane	7.372	83	92549	47.954	ug/l	96
40) Benzene	6.031	78	220133	50.133	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56487m	58.302	ug/l	
42) 1,2-Dichloroethane	6.080	62	97361	51.375	ug/l	100
43) Isopropyl Acetate	6.336	43	158225	55.999	ug/l	99
44) Trichloroethene	7.123	130	53136	50.279	ug/l	99
45) 1,2-Dichloropropane	7.421	63	58016	53.136	ug/l	99
46) Dibromomethane	7.574	93	44309	51.454	ug/l	99
47) Bromodichloromethane	7.818	83	92253	54.392	ug/l	99
48) Methyl methacrylate	7.689	41	82925	57.467	ug/l	99
49) 1,4-Dioxane	7.659	88	28855	1053.147	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	524686	279.753	ug/l	99
52) Toluene	8.714	92	136068	50.537	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84046	55.750	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	91612	54.982	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	56661	53.371	ug/l	97
56) Ethyl methacrylate	9.110	69	97493	57.619	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98945	51.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	231542	268.416	ug/l	99
59) 2-Hexanone	9.427	43	395700	285.172	ug/l	100
60) Dibromochloromethane	9.518	129	64591	55.399	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58405	52.931	ug/l	98
64) Tetrachloroethene	9.268	164	48977	50.481	ug/l	96
65) Chlorobenzene	10.073	112	148639	49.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53302	52.010	ug/l	98
67) Ethyl Benzene	10.189	91	272231	51.457	ug/l	100
68) m/p-Xylenes	10.299	106	197275	101.954	ug/l	98
69) o-Xylene	10.640	106	97901	51.899	ug/l	98
70) Styrene	10.652	104	165627	53.599	ug/l	99
71) Bromoform	10.799	173	42491	55.224	ug/l #	97
73) Isopropylbenzene	10.957	105	265569	51.196	ug/l	99
74) N-amyl acetate	10.841	43	138648	54.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91010	50.066	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81837m	51.027	ug/l	
77) Bromobenzene	11.195	156	59541	49.441	ug/l	100
78) n-propylbenzene	11.299	91	311660	51.673	ug/l	99
79) 2-Chlorotoluene	11.360	91	191122	49.128	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224812	51.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	27002	54.814	ug/l	97
82) 4-Chlorotoluene	11.451	91	219638	50.910	ug/l	99
83) tert-Butylbenzene	11.713	119	222135	50.888	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	225740	51.438	ug/l	100
85) sec-Butylbenzene	11.890	105	280123	52.265	ug/l	100
86) p-Isopropyltoluene	12.006	119	232168	52.479	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	109948	50.025	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	111425	49.641	ug/l	99
89) n-Butylbenzene	12.329	91	210250	54.179	ug/l	99
90) Hexachloroethane	12.536	117	41404	53.122	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	112487	51.002	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22183	55.085	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	66261	52.307	ug/l	99
94) Hexachlorobutadiene	13.725	225	29675	53.637	ug/l	99
95) Naphthalene	13.774	128	242188	52.127	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67021	51.275	ug/l	99

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

