

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046488.D
 Acq On : 04 Jun 2025 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 05 01:34:12 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 :Mahesh Dadoda 06/05/2025
 Supervised By :Semsettin Yesilyurt 06/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	97475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	165033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83988	46.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.440%		
35) Dibromofluoromethane	5.373	113	58786	49.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	8.646	98	187253	45.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.040%		
62) 4-Bromofluorobenzene	11.079	95	77443	49.083	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73169	49.043	ug/l	96
3) Chloromethane	1.306	50	69991	48.377	ug/l	98
4) Vinyl Chloride	1.373	62	64836	48.151	ug/l	100
5) Bromomethane	1.599	94	27003	43.237	ug/l	91
6) Chloroethane	1.672	64	36727	51.093	ug/l	98
7) Trichlorofluoromethane	1.879	101	103198	51.858	ug/l	99
8) Diethyl Ether	2.135	74	34758	51.308	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	65312	53.034	ug/l	99
10) Methyl Iodide	2.446	142	70274	48.225	ug/l	99
11) Tert butyl alcohol	2.971	59	71909	281.901	ug/l	99
12) 1,1-Dichloroethene	2.312	96	57779	49.990	ug/l	97
13) Acrolein	2.233	56	72503	249.577	ug/l	99
14) Allyl chloride	2.660	41	120766	54.671	ug/l	97
15) Acrylonitrile	3.062	53	196655	269.611	ug/l	98
16) Acetone	2.379	43	215178	295.318	ug/l	99
17) Carbon Disulfide	2.501	76	126198	46.054	ug/l	100
18) Methyl Acetate	2.702	43	116961	69.175	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	223672	55.198	ug/l	99
20) Methylene Chloride	2.782	84	67521	48.357	ug/l	95
21) trans-1,2-Dichloroethene	3.086	96	58349	50.199	ug/l	100
22) Diisopropyl ether	3.757	45	234578	54.976	ug/l	96
23) Vinyl Acetate	3.714	43	983901	262.170	ug/l	100
24) 1,1-Dichloroethane	3.605	63	126924	53.406	ug/l	100
25) 2-Butanone	4.550	43	295497	279.346	ug/l	99
26) 2,2-Dichloropropane	4.464	77	103262	55.512	ug/l	99
27) cis-1,2-Dichloroethene	4.476	96	72840	52.056	ug/l	98
28) Bromochloromethane	4.885	49	53251	46.549	ug/l	97
29) Tetrahydrofuran	5.001	42	181777	274.234	ug/l	98
30) Chloroform	5.086	83	130154	52.542	ug/l	96
31) Cyclohexane	5.458	56	107767	49.761	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	113144	52.691	ug/l	99
36) 1,1-Dichloropropene	5.677	75	83522	52.307	ug/l	99
37) Ethyl Acetate	4.708	43	105142	53.296	ug/l	99
38) Carbon Tetrachloride	5.671	117	96961	54.045	ug/l	99
39) Methylcyclohexane	7.372	83	107311	52.202	ug/l	97
40) Benzene	6.031	78	246896	52.789	ug/l	100

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41) Methacrylonitrile	4.909	41	61057m	59.164	ug/l	
42) 1,2-Dichloroethane	6.080	62	107364	53.188	ug/l	99
43) Isopropyl Acetate	6.336	43	172534	57.328	ug/l	100
44) Trichloroethene	7.116	130	60052	53.347	ug/l	93
45) 1,2-Dichloropropane	7.421	63	63728	54.797	ug/l	100
46) Dibromomethane	7.573	93	48150	52.494	ug/l	99
47) Bromodichloromethane	7.817	83	99979	55.341	ug/l	99
48) Methyl methacrylate	7.689	41	88716	57.719	ug/l	99
49) 1,4-Dioxane	7.653	88	31277	1071.717	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	559427	280.031	ug/l	100
52) Toluene	8.713	92	148931	51.931	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	91872	57.213	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	101352	57.106	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	61136	54.064	ug/l	98
56) Ethyl methacrylate	9.110	69	105633	58.611	ug/l	98
57) 1,3-Dichloropropane	9.305	76	107331	52.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	252660	274.981	ug/l	100
59) 2-Hexanone	9.427	43	423096	286.265	ug/l	100
60) Dibromochloromethane	9.518	129	69918	56.300	ug/l	100
61) 1,2-Dibromoethane	9.604	107	62700	53.347	ug/l	97
64) Tetrachloroethene	9.268	164	53293	53.362	ug/l	93
65) Chlorobenzene	10.073	112	164933	53.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	57986	54.966	ug/l	99
67) Ethyl Benzene	10.189	91	298815	54.870	ug/l	100
68) m/p-Xylenes	10.299	106	215687	108.288	ug/l	97
69) o-Xylene	10.640	106	106763	54.982	ug/l	97
70) Styrene	10.652	104	181074	56.926	ug/l	100
71) Bromoform	10.798	173	44870	56.651	ug/l #	98
73) Isopropylbenzene	10.957	105	288460	53.686	ug/l	100
74) N-amyl acetate	10.841	43	147771	55.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	95562	50.752	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	86142m	51.854	ug/l	
77) Bromobenzene	11.195	156	65831	52.773	ug/l	98
78) n-propylbenzene	11.298	91	338759	54.223	ug/l	100
79) 2-Chlorotoluene	11.359	91	207728	51.549	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241792	53.865	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28928	56.693	ug/l	96
82) 4-Chlorotoluene	11.451	91	240706	53.864	ug/l	99
83) tert-Butylbenzene	11.713	119	240573	53.206	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	244850	53.863	ug/l	99
85) sec-Butylbenzene	11.890	105	304738	54.891	ug/l	99
86) p-Isopropyltoluene	12.006	119	251225	54.822	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119595	52.532	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	120210	51.703	ug/l	99
89) n-Butylbenzene	12.329	91	228216	56.775	ug/l	100
90) Hexachloroethane	12.536	117	44135	54.668	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	120071	52.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	22836	54.746	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	71028	54.131	ug/l	99
94) Hexachlorobutadiene	13.719	225	31559	55.070	ug/l	99
95) Naphthalene	13.774	128	258228	53.657	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	73266	54.114	ug/l	98

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

