

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085914.D
 Acq On : 10 Mar 2025 12:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 11 01:35:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	199203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	319135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125107	48.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.880%		
35) Dibromofluoromethane	8.165	113	104608	50.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	10.565	98	388046	51.074	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.847	95	145253	58.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	116.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	154217	56.916	ug/l	99
3) Chloromethane	2.360	50	157501	57.928	ug/l	99
4) Vinyl Chloride	2.512	62	156963	54.524	ug/l	96
5) Bromomethane	2.948	94	85714	46.564	ug/l	95
6) Chloroethane	3.112	64	87037	45.644	ug/l	94
7) Trichlorofluoromethane	3.495	101	215570	51.720	ug/l	99
8) Diethyl Ether	3.959	74	74046	54.906	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	124810	51.804	ug/l	99
10) Methyl Iodide	4.589	142	159707	53.776	ug/l	96
11) Tert butyl alcohol	5.524	59	86626	272.716	ug/l	100
12) 1,1-Dichloroethene	4.342	96	116396	53.282	ug/l	99
13) Acrolein	4.177	56	131110	278.340	ug/l	99
14) Allyl chloride	5.024	41	161702	56.379	ug/l	95
15) Acrylonitrile	5.718	53	309442	299.665	ug/l	98
16) Acetone	4.430	43	242492	296.742	ug/l	99
17) Carbon Disulfide	4.712	76	369568	57.082	ug/l	98
18) Methyl Acetate	5.024	43	128411	45.686	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	372666	57.409	ug/l	99
20) Methylene Chloride	5.271	84	135289	51.481	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	125045	53.160	ug/l	97
22) Diisopropyl ether	6.665	45	377284	58.215	ug/l	97
23) Vinyl Acetate	6.600	43	1396718	314.758	ug/l	99
24) 1,1-Dichloroethane	6.571	63	234031	53.121	ug/l	99
25) 2-Butanone	7.483	43	373262	310.476	ug/l	100
26) 2,2-Dichloropropane	7.483	77	207222	52.896	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	144046	52.814	ug/l	97
28) Bromochloromethane	7.812	49	107632	59.441	ug/l	92
29) Tetrahydrofuran	7.836	42	250844	323.115	ug/l	97
30) Chloroform	7.965	83	238464	51.795	ug/l	99
31) Cyclohexane	8.253	56	204898	55.547	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	216387	52.842	ug/l	99
36) 1,1-Dichloropropene	8.365	75	172465	58.355	ug/l	99
37) Ethyl Acetate	7.559	43	149219	61.352	ug/l	99
38) Carbon Tetrachloride	8.359	117	194466	55.377	ug/l	98
39) Methylcyclohexane	9.600	83	178412	61.448	ug/l	95
40) Benzene	8.606	78	535918	56.576	ug/l	98

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41) Methacrylonitrile	7.777	41	76661	58.962	ug/l	94
42) 1,2-Dichloroethane	8.665	62	174339	56.504	ug/l	99
43) Isopropyl Acetate	8.689	43	254645	59.765	ug/l	99
44) Trichloroethene	9.353	130	122600	52.714	ug/l	95
45) 1,2-Dichloropropane	9.618	63	133163	58.240	ug/l	99
46) Dibromomethane	9.706	93	91031	56.443	ug/l	99
47) Bromodichloromethane	9.888	83	190893	55.323	ug/l	99
48) Methyl methacrylate	9.683	41	114950	63.639	ug/l	100
49) 1,4-Dioxane	9.688	88	44871	1306.344	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	781633	333.327	ug/l	99
52) Toluene	10.630	92	338936	61.041	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	193524	60.654	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	209417	59.855	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	122045	55.282	ug/l	96
56) Ethyl methacrylate	10.871	69	191431	59.011	ug/l	100
57) 1,3-Dichloropropane	11.159	76	215250	58.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	491405	349.174	ug/l	99
59) 2-Hexanone	11.194	43	579294	359.098	ug/l	99
60) Dibromochloromethane	11.359	129	149715	58.239	ug/l	100
61) 1,2-Dibromoethane	11.465	107	123093	59.012	ug/l	97
64) Tetrachloroethene	11.100	164	118446	53.028	ug/l	96
65) Chlorobenzene	11.888	112	356759	54.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	127947	53.894	ug/l	98
67) Ethyl Benzene	11.965	91	618089	59.739	ug/l	99
68) m/p-Xylenes	12.071	106	497382	126.558	ug/l	99
69) o-Xylene	12.400	106	229432	61.435	ug/l	98
70) Styrene	12.412	104	397999	56.495	ug/l	98
71) Bromoform	12.577	173	102633	58.180	ug/l #	99
73) Isopropylbenzene	12.694	105	579548	54.159	ug/l	100
74) N-amyl acetate	12.494	43	223875	59.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	181013	49.158	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	155686m	44.871	ug/l	
77) Bromobenzene	12.977	156	147682	51.083	ug/l	95
78) n-propylbenzene	13.035	91	703392	57.396	ug/l	99
79) 2-Chlorotoluene	13.124	91	436012	53.250	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	512738	58.821	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	66112m	55.597	ug/l	
82) 4-Chlorotoluene	13.218	91	448545	55.258	ug/l	99
83) tert-Butylbenzene	13.435	119	420470	57.362	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	517440	59.999	ug/l	99
85) sec-Butylbenzene	13.612	105	590397	57.006	ug/l	100
86) p-Isopropyltoluene	13.729	119	499312	52.388	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	277860	51.299	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	275752	49.672	ug/l	100
89) n-Butylbenzene	14.053	91	425197	57.825	ug/l	98
90) Hexachloroethane	14.335	117	100192	51.081	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	264313	50.746	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	34765	51.414	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	130220	52.467	ug/l	99
94) Hexachlorobutadiene	15.500	225	71252	47.238	ug/l	97
95) Naphthalene	15.641	128	385153	56.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	127275	51.080	ug/l	99

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

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