

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086632.D
 Acq On : 15 May 2025 09:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 16 05:19:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2025
 Supervised By : Mahesh Dadoda 05/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	243369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	416442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	149682	42.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.820%		
35) Dibromofluoromethane	8.159	113	123770	64.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	128.080%#		
50) Toluene-d8	10.565	98	491600	47.591	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.847	95	186876	49.600	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	150747	52.253	ug/l	100
3) Chloromethane	2.359	50	180911	43.147	ug/l	97
4) Vinyl Chloride	2.512	62	173871	43.456	ug/l	99
5) Bromomethane	2.953	94	96003	53.343	ug/l	96
6) Chloroethane	3.118	64	109930	41.052	ug/l	100
7) Trichlorofluoromethane	3.500	101	227284	51.283	ug/l	97
8) Diethyl Ether	3.959	74	89070	46.035	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	137467	51.272	ug/l	95
10) Methyl Iodide	4.589	142	156016	52.929	ug/l	99
11) Tert butyl alcohol	5.506	59	119414	185.452	ug/l	99
12) 1,1-Dichloroethene	4.341	96	136558	47.674	ug/l	97
13) Acrolein	4.171	56	76200	254.028	ug/l	95
14) Allyl chloride	5.024	41	196981	38.684	ug/l	97
15) Acrylonitrile	5.712	53	331648	208.352	ug/l	100
16) Acetone	4.418	43	355791	292.568	ug/l	96
17) Carbon Disulfide	4.712	76	368385	42.951	ug/l	100
18) Methyl Acetate	5.018	43	150827	35.604	ug/l	95
19) Methyl tert-butyl Ether	5.788	73	472267	44.852	ug/l	100
20) Methylene Chloride	5.271	84	153083	46.921	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	144599	48.285	ug/l	92
22) Diisopropyl ether	6.665	45	453106	40.905	ug/l	96
23) Vinyl Acetate	6.600	43	1629142	210.389	ug/l	94
24) 1,1-Dichloroethane	6.565	63	264126	45.191	ug/l	97
25) 2-Butanone	7.477	43	454369	206.845	ug/l	94
26) 2,2-Dichloropropane	7.482	77	242851	46.407	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	178299	47.970	ug/l	94
28) Bromochloromethane	7.812	49	95744	38.635	ug/l #	83
29) Tetrahydrofuran	7.829	42	272915	185.793	ug/l	93
30) Chloroform	7.965	83	270074	47.040	ug/l	99
31) Cyclohexane	8.253	56	229557	40.138	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	235433	47.935	ug/l	97
36) 1,1-Dichloropropene	8.371	75	194825	50.468	ug/l	97
37) Ethyl Acetate	7.553	43	175233	43.116	ug/l	99
38) Carbon Tetrachloride	8.359	117	200514	54.542	ug/l	99
39) Methylcyclohexane	9.594	83	223858	48.787	ug/l	97
40) Benzene	8.600	78	620055	50.132	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	95768	40.657	ug/l	93
42) 1,2-Dichloroethane	8.665	62	193608	49.086	ug/l	99
43) Isopropyl Acetate	8.682	43	309988	42.157	ug/l	94
44) Trichloroethene	9.347	130	164127	55.986	ug/l	93
45) 1,2-Dichloropropane	9.618	63	146668	48.444	ug/l	99
46) Dibromomethane	9.706	93	100399	52.046	ug/l	94
47) Bromodichloromethane	9.882	83	210771	50.589	ug/l	98
48) Methyl methacrylate	9.676	41	141292	39.588	ug/l	92
49) 1,4-Dioxane	9.688	88	55078	907.249	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	860030	206.651	ug/l	96
52) Toluene	10.623	92	394392	51.103	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	232551	50.003	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	249107	48.766	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	143198	51.571	ug/l	97
56) Ethyl methacrylate	10.870	69	235559	46.152	ug/l	92
57) 1,3-Dichloropropane	11.159	76	247067	50.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	458991	189.467	ug/l	95
59) 2-Hexanone	11.194	43	640544	207.504	ug/l	95
60) Dibromochloromethane	11.353	129	162524	53.302	ug/l	100
61) 1,2-Dibromoethane	11.465	107	145244	51.840	ug/l	99
64) Tetrachloroethene	11.100	164	166485	58.776	ug/l	99
65) Chlorobenzene	11.888	112	435575	53.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	145047	53.502	ug/l	99
67) Ethyl Benzene	11.959	91	750149	50.585	ug/l	98
68) m/p-Xylenes	12.070	106	586084	105.476	ug/l	94
69) o-Xylene	12.394	106	284228	51.724	ug/l	96
70) Styrene	12.406	104	486041	53.085	ug/l	98
71) Bromoform	12.576	173	106869	52.357	ug/l #	99
73) Isopropylbenzene	12.694	105	687142	47.032	ug/l	98
74) N-amyl acetate	12.488	43	257053	35.342	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	183132	43.595	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	181339m	43.025	ug/l	
77) Bromobenzene	12.976	156	169989	52.511	ug/l	89
78) n-propylbenzene	13.029	91	807278	46.891	ug/l	98
79) 2-Chlorotoluene	13.123	91	509397	47.286	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	575042	48.089	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	83308	47.471	ug/l #	82
82) 4-Chlorotoluene	13.217	91	514419	48.071	ug/l	97
83) tert-Butylbenzene	13.435	119	491839	47.469	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	578101	47.495	ug/l	97
85) sec-Butylbenzene	13.611	105	685213	47.678	ug/l	98
86) p-Isopropyltoluene	13.723	119	590173	49.821	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	316572	52.021	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	314950	51.384	ug/l	99
89) n-Butylbenzene	14.053	91	502812	47.887	ug/l	98
90) Hexachloroethane	14.329	117	94281	47.317	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	298655	50.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34101	40.260	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	145514	51.507	ug/l	99
94) Hexachlorobutadiene	15.494	225	58691	55.034	ug/l	99
95) Naphthalene	15.635	128	450765	45.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	133878	50.054	ug/l	99

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

