

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086676.D
 Acq On : 16 May 2025 19:20
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051625

Quant Time: May 17 00:49:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	206060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	369474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140264	49.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.520%		
35) Dibromofluoromethane	8.165	113	111929	50.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	10.565	98	473116	51.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.780%		
62) 4-Bromofluorobenzene	12.847	95	172745	53.653	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	125665	56.471	ug/l	100
3) Chloromethane	2.359	50	166521	49.474	ug/l	100
4) Vinyl Chloride	2.512	62	153716	50.852	ug/l	97
5) Bromomethane	2.948	94	85316	48.959	ug/l	94
6) Chloroethane	3.112	64	98096	49.538	ug/l	96
7) Trichlorofluoromethane	3.495	101	184202	50.991	ug/l	97
8) Diethyl Ether	3.959	74	75922	50.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	110896	51.278	ug/l	100
10) Methyl Iodide	4.589	142	139386	51.814	ug/l	98
11) Tert butyl alcohol	5.518	59	126055	243.079	ug/l	100
12) 1,1-Dichloroethene	4.342	96	114026	49.612	ug/l	99
13) Acrolein	4.171	56	131334	236.906	ug/l	100
14) Allyl chloride	5.024	41	169877	48.833	ug/l	99
15) Acrylonitrile	5.718	53	322582	251.235	ug/l	99
16) Acetone	4.424	43	253332	237.847	ug/l	96
17) Carbon Disulfide	4.712	76	325644	51.175	ug/l	99
18) Methyl Acetate	5.018	43	136726	45.864	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	392727	50.183	ug/l	98
20) Methylene Chloride	5.271	84	133075	47.346	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	120628	49.641	ug/l	98
22) Diisopropyl ether	6.665	45	398433	50.767	ug/l	98
23) Vinyl Acetate	6.600	43	1501158	254.501	ug/l	100
24) 1,1-Dichloroethane	6.565	63	228436	49.576	ug/l	100
25) 2-Butanone	7.477	43	412876	250.854	ug/l	100
26) 2,2-Dichloropropane	7.488	77	179110	47.102	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	148770	49.878	ug/l	99
28) Bromochloromethane	7.812	49	102816	49.112	ug/l	100
29) Tetrahydrofuran	7.835	42	273939	254.994	ug/l	100
30) Chloroform	7.965	83	223931	48.554	ug/l	97
31) Cyclohexane	8.253	56	202489	47.383	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	193811	49.842	ug/l	100
36) 1,1-Dichloropropene	8.371	75	166757	51.379	ug/l	100
37) Ethyl Acetate	7.559	43	164737	50.247	ug/l	99
38) Carbon Tetrachloride	8.359	117	162681	50.871	ug/l	97
39) Methylcyclohexane	9.594	83	182529	51.961	ug/l	99
40) Benzene	8.600	78	533304	50.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	90551	51.153	ug/l	98
42) 1,2-Dichloroethane	8.671	62	165024	50.029	ug/l	99
43) Isopropyl Acetate	8.682	43	298004	45.341	ug/l	100
44) Trichloroethene	9.347	130	129339	50.647	ug/l	98
45) 1,2-Dichloropropane	9.618	63	126955	50.475	ug/l	99
46) Dibromomethane	9.706	93	85276	50.246	ug/l	99
47) Bromodichloromethane	9.882	83	177360	50.719	ug/l	100
48) Methyl methacrylate	9.677	41	131470	51.620	ug/l	99
49) 1,4-Dioxane	9.694	88	57410	1064.544	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	841754	253.963	ug/l	99
52) Toluene	10.624	92	338248	51.401	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	194124	52.432	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	207544	51.351	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	120996	49.290	ug/l	99
56) Ethyl methacrylate	10.871	69	211241	53.596	ug/l	99
57) 1,3-Dichloropropane	11.159	76	212276	50.196	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	477348	270.990	ug/l	100
59) 2-Hexanone	11.194	43	631633	260.961	ug/l	100
60) Dibromochloromethane	11.359	129	133981	52.080	ug/l	98
61) 1,2-Dibromoethane	11.465	107	124934	50.647	ug/l	100
64) Tetrachloroethene	11.100	164	127416	49.218	ug/l	97
65) Chlorobenzene	11.888	112	366001	49.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	118803	49.660	ug/l	100
67) Ethyl Benzene	11.959	91	644463	50.773	ug/l	99
68) m/p-Xylenes	12.065	106	496729	103.321	ug/l	100
69) o-Xylene	12.394	106	244673	51.191	ug/l	99
70) Styrene	12.406	104	414973	53.030	ug/l	100
71) Bromoform	12.576	173	91062	53.523	ug/l #	97
73) Isopropylbenzene	12.694	105	584704	47.295	ug/l	100
74) N-amyl acetate	12.488	43	247445	47.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	174276	45.885	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	166845m	46.088	ug/l	
77) Bromobenzene	12.976	156	143739	46.220	ug/l	100
78) n-propylbenzene	13.029	91	695292	49.006	ug/l	100
79) 2-Chlorotoluene	13.123	91	442834	48.004	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	484744	48.940	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	68425	47.700	ug/l	97
82) 4-Chlorotoluene	13.217	91	439811	48.122	ug/l	99
83) tert-Butylbenzene	13.435	119	410379	47.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	493314	50.014	ug/l	99
85) sec-Butylbenzene	13.612	105	568753	49.105	ug/l	99
86) p-Isopropyltoluene	13.723	119	482931	50.868	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	263213	48.877	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	264501	49.573	ug/l	99
89) n-Butylbenzene	14.053	91	408204	51.865	ug/l	99
90) Hexachloroethane	14.329	117	79755	50.631	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	254715	49.729	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33507	53.253	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	113245	52.378	ug/l	100
94) Hexachlorobutadiene	15.494	225	44035	49.090	ug/l	97
95) Naphthalene	15.635	128	393211	52.378	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	106918	50.497	ug/l	99

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

