

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086240.D
 Acq On : 07 Apr 2025 17:10
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040725

Quant Time: Apr 08 05:01:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 04:20:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	104109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	165098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	150576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	75470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	59947	45.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.040%
35) Dibromofluoromethane	8.165	113	38330	45.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	10.565	98	173303	50.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.847	95	63930	52.371	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48737	53.924	ug/l	99
3) Chloromethane	2.359	50	47560	46.619	ug/l	97
4) Vinyl Chloride	2.518	62	46829	51.302	ug/l	96
5) Bromomethane	2.965	94	24222	53.442	ug/l	100
6) Chloroethane	3.124	64	28591	52.956	ug/l #	82
7) Trichlorofluoromethane	3.500	101	67399	50.632	ug/l	99
8) Diethyl Ether	3.959	74	20868	50.953	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	35257	50.658	ug/l	95
10) Methyl Iodide	4.589	142	47070	57.370	ug/l	98
11) Tert butyl alcohol	5.506	59	29337	246.057	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	34578	49.140	ug/l	97
13) Acrolein	4.177	56	33803	183.211	ug/l	94
14) Allyl chloride	5.024	41	46923	48.853	ug/l	92
15) Acrylonitrile	5.712	53	88886	246.842	ug/l	96
16) Acetone	4.424	43	64587	214.054	ug/l	95
17) Carbon Disulfide	4.712	76	105961	47.058	ug/l	99
18) Methyl Acetate	5.024	43	36082	38.912	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	115726	49.106	ug/l	94
20) Methylene Chloride	5.277	84	41668	52.203	ug/l #	93
21) trans-1,2-Dichloroethene	5.783	96	38086	49.051	ug/l	91
22) Diisopropyl ether	6.671	45	95260	49.040	ug/l #	94
23) Vinyl Acetate	6.600	43	357660	256.012	ug/l	98
24) 1,1-Dichloroethane	6.565	63	67295	49.557	ug/l	93
25) 2-Butanone	7.477	43	99901	230.702	ug/l	93
26) 2,2-Dichloropropane	7.488	77	62733	45.986	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	45423	48.494	ug/l	100
28) Bromochloromethane	7.812	49	31943	50.356	ug/l	99
29) Tetrahydrofuran	7.835	42	66875	241.458	ug/l	96
30) Chloroform	7.965	83	72691	46.952	ug/l	94
31) Cyclohexane	8.253	56	56434	45.786	ug/l #	96
32) 1,1,1-Trichloroethane	8.165	97	69059	48.853	ug/l	99
36) 1,1-Dichloropropene	8.371	75	49462	54.392	ug/l	96
37) Ethyl Acetate	7.559	43	40395	49.213	ug/l	99
38) Carbon Tetrachloride	8.359	117	60366	51.368	ug/l	99
39) Methylcyclohexane	9.600	83	53087	48.779	ug/l	92
40) Benzene	8.600	78	159685	50.715	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21744	47.825	ug/l	92
42) 1,2-Dichloroethane	8.665	62	56084	53.698	ug/l	98
43) Isopropyl Acetate	8.688	43	69560	36.528	ug/l	93
44) Trichloroethene	9.353	130	41660	51.565	ug/l	96
45) 1,2-Dichloropropane	9.618	63	36229	51.359	ug/l #	85
46) Dibromomethane	9.700	93	27757	53.085	ug/l	97
47) Bromodichloromethane	9.888	83	56730	51.472	ug/l	93
48) Methyl methacrylate	9.677	41	31680	52.887	ug/l	97
49) 1,4-Dioxane	9.688	88	14554	1030.881	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	205854	260.231	ug/l	100
52) Toluene	10.629	92	101320	53.784	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60118	52.697	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	62950	51.183	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36766	49.967	ug/l	87
56) Ethyl methacrylate	10.871	69	54006	58.309	ug/l	96
57) 1,3-Dichloropropane	11.159	76	62772	52.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	107932	218.287	ug/l	99
59) 2-Hexanone	11.194	43	149952	270.009	ug/l	100
60) Dibromochloromethane	11.359	129	44680	51.750	ug/l	99
61) 1,2-Dibromoethane	11.465	107	36929	53.992	ug/l	97
64) Tetrachloroethene	11.100	164	45425	51.168	ug/l	92
65) Chlorobenzene	11.888	112	107416	48.827	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39427	50.338	ug/l	97
67) Ethyl Benzene	11.959	91	181968	52.177	ug/l	98
68) m/p-Xylenes	12.065	106	150207	112.657	ug/l	98
69) o-Xylene	12.394	106	71105	53.950	ug/l	97
70) Styrene	12.406	104	117847	58.875	ug/l	98
71) Bromoform	12.576	173	29923	51.671	ug/l #	97
73) Isopropylbenzene	12.694	105	168849	48.878	ug/l	95
74) N-amyl acetate	12.488	43	53818	51.347	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	46860	45.010	ug/l	91
76) 1,2,3-Trichloropropane	12.994	75	50159m	45.112	ug/l	
77) Bromobenzene	12.976	156	44346	48.837	ug/l	98
78) n-propylbenzene	13.035	91	200105	51.791	ug/l	98
79) 2-Chlorotoluene	13.123	91	130816	48.699	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	149806	53.002	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18628m	54.001	ug/l	
82) 4-Chlorotoluene	13.217	91	134477	51.550	ug/l	98
83) tert-Butylbenzene	13.435	119	122509	50.707	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	152082	54.360	ug/l	98
85) sec-Butylbenzene	13.612	105	172140	53.984	ug/l	98
86) p-Isopropyltoluene	13.729	119	145730	55.093	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	85026	48.386	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	82987	46.170	ug/l	98
89) n-Butylbenzene	14.053	91	115151	51.804	ug/l	95
90) Hexachloroethane	14.329	117	23246	45.323	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	80068	45.386	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10457	44.935	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	40033	44.633	ug/l	92
94) Hexachlorobutadiene	15.494	225	20800	42.339	ug/l	96
95) Naphthalene	15.635	128	123355	47.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	37643	43.627	ug/l	91

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

