

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086237.D
 Acq On : 07 Apr 2025 15:09
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 08 03:56:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	124424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	205159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	185777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	8317	5.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.560%#
35) Dibromofluoromethane	8.159	113	5153	4.969	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.940%#
50) Toluene-d8	10.565	98	21728	5.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.120%#
62) 4-Bromofluorobenzene	12.847	95	7815	5.152	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	10.300%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	6572	6.084	ug/l	99
3) Chloromethane	2.359	50	8229	6.749	ug/l	100
4) Vinyl Chloride	2.518	62	6765	6.201	ug/l	93
5) Bromomethane	2.959	94	4250	7.846	ug/l	94
6) Chloroethane	3.118	64	4441	6.883	ug/l #	73
7) Trichlorofluoromethane	3.506	101	10673	6.709	ug/l	99
8) Diethyl Ether	3.953	74	3543	7.238	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	5480	6.588	ug/l	96
10) Methyl Iodide	4.589	142	7271	7.415	ug/l	97
11) Tert butyl alcohol	5.524	59	5101m	35.800	ug/l	
12) 1,1-Dichloroethene	4.336	96	5743	6.829	ug/l #	84
13) Acrolein	4.177	56	7761	35.196	ug/l	95
14) Allyl chloride	5.018	41	8125	6.983	ug/l	87
15) Acrylonitrile	5.712	53	14473	33.630	ug/l	94
16) Acetone	4.430	43	11441	31.727	ug/l	99
17) Carbon Disulfide	4.712	76	17411	6.470	ug/l	98
18) Methyl Acetate	5.030	43	7990	7.210	ug/l #	76
19) Methyl tert-butyl Ether	5.795	73	18892m	6.708	ug/l	
20) Methylene Chloride	5.271	84	6403	6.712	ug/l #	89
21) trans-1,2-Dichloroethene	5.777	96	6303	6.792	ug/l	94
22) Diisopropyl ether	6.671	45	15583	6.712	ug/l #	89
23) Vinyl Acetate	6.600	43	55336	33.142	ug/l	99
24) 1,1-Dichloroethane	6.559	63	10897	6.714	ug/l #	96
25) 2-Butanone	7.477	43	17163	33.163	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	10785	6.615	ug/l	96
27) cis-1,2-Dichloroethene	7.477	96	7494	6.694	ug/l	97
28) Bromochloromethane	7.824	49	5027	6.631	ug/l #	97
29) Tetrahydrofuran	7.836	42	11229	33.924	ug/l	95
30) Chloroform	7.965	83	12713	6.871	ug/l #	76
31) Cyclohexane	8.259	56	11913	8.087	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	11591	6.861	ug/l #	80
36) 1,1-Dichloropropene	8.365	75	7794	6.897	ug/l	98
37) Ethyl Acetate	7.553	43	7110	6.971	ug/l #	93
38) Carbon Tetrachloride	8.359	117	10261	7.027	ug/l	93
39) Methylcyclohexane	9.594	83	8993	6.650	ug/l	88
40) Benzene	8.606	78	25978	6.639	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	3330	5.894	ug/l #	83
42) 1,2-Dichloroethane	8.665	62	9293	7.160	ug/l	98
43) Isopropyl Acetate	8.683	43	15252	6.445	ug/l	94
44) Trichloroethene	9.347	130	6867	6.840	ug/l	81
45) 1,2-Dichloropropane	9.618	63	6277	7.161	ug/l	94
46) Dibromomethane	9.706	93	4449	6.847	ug/l	89
47) Bromodichloromethane	9.888	83	9407	6.869	ug/l #	98
48) Methyl methacrylate	9.677	41	4361	5.859	ug/l #	81
49) 1,4-Dioxane	9.694	88	2592	147.745	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	33963	34.551	ug/l	96
52) Toluene	10.629	92	15806	6.752	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	9243	6.520	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	10462	6.845	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	6269	6.856	ug/l	90
56) Ethyl methacrylate	10.871	69	8320	7.229	ug/l	99
57) 1,3-Dichloropropane	11.159	76	10199	6.840	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	15937	25.938	ug/l	97
59) 2-Hexanone	11.194	43	23866	34.583	ug/l	92
60) Dibromochloromethane	11.353	129	7689	7.167	ug/l	91
61) 1,2-Dibromoethane	11.465	107	5861	6.896	ug/l	100
64) Tetrachloroethene	11.100	164	6909	6.308	ug/l	94
65) Chlorobenzene	11.888	112	18827	6.936	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	6572	6.801	ug/l	98
67) Ethyl Benzene	11.959	91	28066	6.523	ug/l	100
68) m/p-Xylenes	12.065	106	21409	13.014	ug/l	94
69) o-Xylene	12.394	106	11017	6.775	ug/l	90
70) Styrene	12.406	104	17233	6.978	ug/l	96
71) Bromoform	12.576	173	4842	6.777	ug/l #	98
73) Isopropylbenzene	12.694	105	25504	6.375	ug/l	97
74) N-amyl acetate	12.494	43	7953	6.552	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	7972	6.612	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	7584m	5.610	ug/l	
77) Bromobenzene	12.982	156	7031	6.686	ug/l	98
78) n-propylbenzene	13.035	91	27857	6.226	ug/l	97
79) 2-Chlorotoluene	13.123	91	20737	6.666	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	20982	6.410	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	2988	7.480	ug/l	96
82) 4-Chlorotoluene	13.218	91	19837	6.566	ug/l	95
83) tert-Butylbenzene	13.435	119	17214	6.152	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	20990	6.479	ug/l	97
85) sec-Butylbenzene	13.612	105	23902	6.473	ug/l	99
86) p-Isopropyltoluene	13.723	119	19900	6.496	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	12984	6.380	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	13972	6.712	ug/l	95
89) n-Butylbenzene	14.053	91	17047	6.622	ug/l	99
90) Hexachloroethane	14.329	117	3707	6.241	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	13381	6.550	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1810	6.716	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	6651	6.403	ug/l	96
94) Hexachlorobutadiene	15.500	225	3818	6.711	ug/l	91
95) Naphthalene	15.635	128	18492	6.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	6008	6.013	ug/l	89

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

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