

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086234.D
 Acq On : 07 Apr 2025 13:57
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 08 03:53:25 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	8.224	168	65387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	104856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	91663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	42054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	38022	45.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.940%		
35) Dibromofluoromethane	8.171	113	25472	48.062	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.120%		
50) Toluene-d8	10.565	98	106266	48.441	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.841	95	36588	47.192	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	15766	27.774	ug/l	100
3) Chloromethane	2.365	50	16578	25.873	ug/l	100
4) Vinyl Chloride	2.518	62	15537	27.101	ug/l	100
5) Bromomethane	2.971	94	8509	29.891	ug/l	100
6) Chloroethane	3.124	64	9562	28.199	ug/l	100
7) Trichlorofluoromethane	3.506	101	21006	25.125	ug/l	100
8) Diethyl Ether	3.965	74	7304	28.395	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	11899	27.221	ug/l	100
10) Methyl Iodide	4.595	142	14972	29.055	ug/l	100
11) Tert butyl alcohol	5.512	59	11038	147.411	ug/l	100
12) 1,1-Dichloroethene	4.347	96	11147	25.222	ug/l	100
13) Acrolein	4.183	56	10001	86.305	ug/l	100
14) Allyl chloride	5.018	41	15084	24.669	ug/l	100
15) Acrylonitrile	5.718	53	30998	137.062	ug/l	100
16) Acetone	4.424	43	21950	115.827	ug/l	100
17) Carbon Disulfide	4.712	76	37645	26.619	ug/l	100
18) Methyl Acetate	5.030	43	12194	20.938	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	37953	25.642	ug/l	100
20) Methylene Chloride	5.283	84	13349	26.628	ug/l	100
21) trans-1,2-Dichloroethene	5.789	96	12984	26.625	ug/l	100
22) Diisopropyl ether	6.665	45	33060	27.098	ug/l	100
23) Vinyl Acetate	6.600	43	120772	137.643	ug/l	100
24) 1,1-Dichloroethane	6.565	63	22375	26.235	ug/l	100
25) 2-Butanone	7.483	43	34634	127.345	ug/l	100
26) 2,2-Dichloropropane	7.483	77	20676	24.132	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	14760	25.090	ug/l	100
28) Bromochloromethane	7.806	49	16074	40.346	ug/l	100
29) Tetrahydrofuran	7.841	42	23461	134.872	ug/l	100
30) Chloroform	7.965	83	25051	25.763	ug/l	100
31) Cyclohexane	8.253	56	22491	29.053	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	22479	25.319	ug/l	100
36) 1,1-Dichloropropene	8.365	75	16728	28.964	ug/l	100
37) Ethyl Acetate	7.559	43	14525m	27.863	ug/l	
38) Carbon Tetrachloride	8.359	117	19708	26.405	ug/l	100
39) Methylcyclohexane	9.594	83	19648	28.426	ug/l	100
40) Benzene	8.606	78	53007	26.507	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	8110	28.085	ug/l	100
42) 1,2-Dichloroethane	8.665	62	18223	27.472	ug/l	100
43) Isopropyl Acetate	8.688	43	26467	21.883	ug/l	100
44) Trichloroethene	9.347	130	13288	25.897	ug/l	100
45) 1,2-Dichloropropane	9.624	63	12313	27.483	ug/l	100
46) Dibromomethane	9.706	93	9240	27.824	ug/l	100
47) Bromodichloromethane	9.888	83	18798	26.855	ug/l	100
48) Methyl methacrylate	9.677	41	10486	27.563	ug/l	100
49) 1,4-Dioxane	9.694	88	4713	525.620	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	68432	136.210	ug/l	100
52) Toluene	10.629	92	32500	27.164	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	20126	27.777	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	21057	26.957	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	11484	24.574	ug/l	100
56) Ethyl methacrylate	10.871	69	16523	28.088	ug/l	100
57) 1,3-Dichloropropane	11.159	76	20912	27.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	46217	147.173	ug/l	100
59) 2-Hexanone	11.188	43	47911	135.835	ug/l	100
60) Dibromochloromethane	11.359	129	14343	26.157	ug/l	100
61) 1,2-Dibromoethane	11.465	107	12376	28.490	ug/l	100
64) Tetrachloroethene	11.100	164	15217	28.158	ug/l	100
65) Chlorobenzene	11.888	112	34195	25.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	12355	25.912	ug/l	100
67) Ethyl Benzene	11.959	91	57400	27.037	ug/l	100
68) m/p-Xylenes	12.065	106	46480	57.266	ug/l	100
69) o-Xylene	12.394	106	22292	27.785	ug/l	100
70) Styrene	12.406	104	33887	27.810	ug/l	100
71) Bromoform	12.576	173	9635	27.331	ug/l	100
73) Isopropylbenzene	12.694	105	59570	30.946	ug/l	100
74) N-amyl acetate	12.488	43	16267	27.853	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	15508	26.732	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	17524m	26.940	ug/l	
77) Bromobenzene	12.976	156	13719	27.113	ug/l	100
78) n-propylbenzene	13.029	91	68724	31.921	ug/l	100
79) 2-Chlorotoluene	13.118	91	43244	28.891	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	48872	31.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	6117	31.823	ug/l	100
82) 4-Chlorotoluene	13.217	91	42554	29.274	ug/l	100
83) tert-Butylbenzene	13.435	119	41571	30.879	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	48907	31.372	ug/l	100
85) sec-Butylbenzene	13.612	105	57467	32.342	ug/l	100
86) p-Isopropyltoluene	13.729	119	47003	31.889	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	27762	28.352	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	27684	27.640	ug/l	100
89) n-Butylbenzene	14.053	91	38579	31.147	ug/l	100
90) Hexachloroethane	14.335	117	8772	30.693	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	27768	28.247	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	3442	26.543	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	16415	32.843	ug/l	100
94) Hexachlorobutadiene	15.500	225	8189	29.914	ug/l	100
95) Naphthalene	15.635	128	46124	31.895	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	15660	32.571	ug/l	100

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

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