

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086236.D
 Acq On : 07 Apr 2025 14:46
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 08 03:55:23 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	128703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	193860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	21355	13.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	26.240%#
35) Dibromofluoromethane	8.165	113	14348	12.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	25.700%#
50) Toluene-d8	10.565	98	59525	12.879	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	25.760%#
62) 4-Bromofluorobenzene	12.847	95	20822	12.748	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	25.500%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17575	15.730	ug/l	94
3) Chloromethane	2.359	50	17793	14.108	ug/l	100
4) Vinyl Chloride	2.518	62	17250	15.287	ug/l	97
5) Bromomethane	2.965	94	8271	14.761	ug/l	90
6) Chloroethane	3.124	64	9572	14.341	ug/l #	83
7) Trichlorofluoromethane	3.501	101	24398	14.826	ug/l	94
8) Diethyl Ether	3.953	74	7283	14.385	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	12688	14.747	ug/l	96
10) Methyl Iodide	4.589	142	16886	16.648	ug/l #	93
11) Tert butyl alcohol	5.500	59	13005	88.238	ug/l #	83
12) 1,1-Dichloroethene	4.348	96	12712	14.613	ug/l	95
13) Acrolein	4.183	56	12243	53.677	ug/l	93
14) Allyl chloride	5.030	41	17484m	14.527	ug/l	
15) Acrylonitrile	5.718	53	32999	74.129	ug/l	98
16) Acetone	4.430	43	25973	69.631	ug/l	96
17) Carbon Disulfide	4.712	76	38653	13.886	ug/l	98
18) Methyl Acetate	5.030	43	14292	12.468	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	44017	15.109	ug/l	99
20) Methylene Chloride	5.277	84	15259	15.464	ug/l #	91
21) trans-1,2-Dichloroethene	5.783	96	13688	14.260	ug/l	97
22) Diisopropyl ether	6.671	45	37067	15.436	ug/l	96
23) Vinyl Acetate	6.600	43	136066	78.784	ug/l	95
24) 1,1-Dichloroethane	6.565	63	25397	15.129	ug/l	93
25) 2-Butanone	7.483	43	40913	76.426	ug/l	99
26) 2,2-Dichloropropane	7.494	77	24374	14.453	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	16836	14.540	ug/l	97
28) Bromochloromethane	7.812	49	9395	11.981	ug/l #	98
29) Tetrahydrofuran	7.841	42	25267	73.796	ug/l	98
30) Chloroform	7.971	83	27696	14.471	ug/l	89
31) Cyclohexane	8.253	56	23370	15.337	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	24885	14.240	ug/l	96
36) 1,1-Dichloropropene	8.371	75	17625	14.485	ug/l	94
37) Ethyl Acetate	7.559	43	15132m	13.778	ug/l	
38) Carbon Tetrachloride	8.359	117	22137	14.078	ug/l	99
39) Methylcyclohexane	9.600	83	19894	13.661	ug/l	89
40) Benzene	8.606	78	61276	14.544	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	9158	15.053	ug/l	97
42) 1,2-Dichloroethane	8.665	62	21114	15.108	ug/l	96
43) Isopropyl Acetate	8.683	43	29667	11.643	ug/l	99
44) Trichloroethene	9.353	130	15824	14.638	ug/l	97
45) 1,2-Dichloropropane	9.618	63	13362	14.156	ug/l #	81
46) Dibromomethane	9.706	93	9995	14.286	ug/l	92
47) Bromodichloromethane	9.888	83	21295	14.440	ug/l	94
48) Methyl methacrylate	9.677	41	12063	15.050	ug/l	96
49) 1,4-Dioxane	9.688	88	5625	297.762	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	78077	73.764	ug/l	99
52) Toluene	10.630	92	36927	14.649	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	22507	14.744	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	23218	14.108	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	14021	14.241	ug/l #	84
56) Ethyl methacrylate	10.865	69	18202	14.687	ug/l	97
57) 1,3-Dichloropropane	11.159	76	23095	14.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	45785	69.202	ug/l	99
59) 2-Hexanone	11.194	43	56767	76.391	ug/l	97
60) Dibromochloromethane	11.353	129	16401	14.197	ug/l	98
61) 1,2-Dibromoethane	11.465	107	14251	15.571	ug/l	98
64) Tetrachloroethene	11.100	164	16674	14.589	ug/l	93
65) Chlorobenzene	11.888	112	40483	14.293	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	14703	14.581	ug/l	97
67) Ethyl Benzene	11.959	91	66072	14.715	ug/l	100
68) m/p-Xylenes	12.071	106	50886	29.644	ug/l	96
69) o-Xylene	12.394	106	24614	14.506	ug/l	98
70) Styrene	12.406	104	38409	14.904	ug/l	98
71) Bromoform	12.576	173	11132	14.931	ug/l #	97
73) Isopropylbenzene	12.694	105	59232	14.537	ug/l	98
74) N-amyl acetate	12.488	43	18982	15.355	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	16877	13.744	ug/l	91
76) 1,2,3-Trichloropropane	12.988	75	20269m	14.721	ug/l	
77) Bromobenzene	12.976	156	15279	14.266	ug/l	98
78) n-propylbenzene	13.029	91	65612	14.398	ug/l	98
79) 2-Chlorotoluene	13.123	91	44880	14.165	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	49405	14.820	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	6483m	15.934	ug/l	
82) 4-Chlorotoluene	13.218	91	44815	14.565	ug/l	97
83) tert-Butylbenzene	13.435	119	43033	15.102	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	50386	15.270	ug/l	100
85) sec-Butylbenzene	13.612	105	54939	14.608	ug/l	97
86) p-Isopropyltoluene	13.729	119	44434	14.242	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	28942	13.964	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	28321	13.359	ug/l	97
89) n-Butylbenzene	14.053	91	37118	14.158	ug/l	98
90) Hexachloroethane	14.329	117	8234	13.611	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	28126	13.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	3931	14.322	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	14363	13.577	ug/l	94
94) Hexachlorobutadiene	15.500	225	7718	13.320	ug/l	98
95) Naphthalene	15.635	128	44834	14.647	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	13965	13.722	ug/l	95

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

