

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085738.D
 Acq On : 11 Feb 2025 12:17
 Operator : JC\MD
 Sample : VN0211WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Quant Time: Feb 11 23:15:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	328954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	554794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	481340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	232303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	236933	44.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.240%		
35) Dibromofluoromethane	8.165	113	198476	51.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.140%		
50) Toluene-d8	10.559	98	707606	51.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.480%		
62) 4-Bromofluorobenzene	12.847	95	242270	51.790	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88671	19.908	ug/l	100
3) Chloromethane	2.359	50	84650	17.553	ug/l	99
4) Vinyl Chloride	2.512	62	88011	18.157	ug/l	98
5) Bromomethane	2.959	94	57064	19.490	ug/l	98
6) Chloroethane	3.118	64	58106	18.908	ug/l	99
7) Trichlorofluoromethane	3.501	101	128642	18.291	ug/l	95
8) Diethyl Ether	3.959	74	40342	16.604	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	73832	18.638	ug/l	98
10) Methyl Iodide	4.589	142	89560	19.742	ug/l	97
11) Tert butyl alcohol	5.512	59	51068	83.989	ug/l	99
12) 1,1-Dichloroethene	4.336	96	66737	18.903	ug/l	87
13) Acrolein	4.177	56	65674	79.124	ug/l	98
14) Allyl chloride	5.018	41	85276	14.886	ug/l	93
15) Acrylonitrile	5.718	53	158205	81.916	ug/l	98
16) Acetone	4.418	43	125013	72.864	ug/l	96
17) Carbon Disulfide	4.712	76	191448	17.612	ug/l	100
18) Methyl Acetate	5.018	43	82344	15.783	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	201191	17.550	ug/l	96
20) Methylene Chloride	5.271	84	76736	18.067	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	70540	18.696	ug/l	91
22) Diisopropyl ether	6.665	45	211873	16.663	ug/l	98
23) Vinyl Acetate	6.600	43	729020	81.925	ug/l	98
24) 1,1-Dichloroethane	6.565	63	134597	17.360	ug/l	98
25) 2-Butanone	7.477	43	188926	74.828	ug/l	93
26) 2,2-Dichloropropane	7.483	77	119370	19.043	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	82322	18.524	ug/l	93
28) Bromochloromethane	7.806	49	74464	20.644	ug/l	88
29) Tetrahydrofuran	7.836	42	124393	77.710	ug/l	89
30) Chloroform	7.959	83	140148	17.489	ug/l	99
31) Cyclohexane	8.253	56	108621	16.118	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	124906	17.770	ug/l	94
36) 1,1-Dichloropropene	8.365	75	97528	18.055	ug/l	99
37) Ethyl Acetate	7.553	43	79172	14.521	ug/l #	96
38) Carbon Tetrachloride	8.359	117	112393	18.174	ug/l	99
39) Methylcyclohexane	9.600	83	94815	18.679	ug/l	96
40) Benzene	8.600	78	302100	18.613	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	42799	15.088	ug/l	93
42) 1,2-Dichloroethane	8.665	62	102026	16.690	ug/l	98
43) Isopropyl Acetate	8.683	43	136007	15.567	ug/l	96
44) Trichloroethene	9.347	130	70919	18.771	ug/l	94
45) 1,2-Dichloropropane	9.618	63	73121	17.637	ug/l	99
46) Dibromomethane	9.700	93	52255	17.468	ug/l	95
47) Bromodichloromethane	9.883	83	110570	18.143	ug/l	99
48) Methyl methacrylate	9.677	41	61603	15.668	ug/l	88
49) 1,4-Dioxane	9.694	88	25858	390.551	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	406514	80.184	ug/l	94
52) Toluene	10.624	92	185451	19.719	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	104476	18.140	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	114311	18.581	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	70412	18.919	ug/l	97
56) Ethyl methacrylate	10.871	69	96416	16.716	ug/l #	86
57) 1,3-Dichloropropane	11.159	76	115819	17.897	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.153	63	226752	96.007	ug/l	98
59) 2-Hexanone	11.188	43	288840	80.970	ug/l	94
60) Dibromochloromethane	11.353	129	82431	18.345	ug/l	100
61) 1,2-Dibromoethane	11.465	107	66474	17.943	ug/l	99
64) Tetrachloroethene	11.100	164	66827	20.365	ug/l	99
65) Chlorobenzene	11.888	112	198381	18.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	70295	18.164	ug/l	98
67) Ethyl Benzene	11.959	91	325477	18.951	ug/l	97
68) m/p-Xylenes	12.071	106	260324	41.013	ug/l	95
69) o-Xylene	12.394	106	117621	19.390	ug/l	97
70) Styrene	12.406	104	204215	20.342	ug/l	97
71) Bromoform	12.576	173	53694	19.390	ug/l #	97
73) Isopropylbenzene	12.694	105	293970	18.750	ug/l	100
74) N-amyl acetate	12.488	43	109030	15.472	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	96442	17.414	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	86894m	18.403	ug/l	
77) Bromobenzene	12.976	156	76041	18.564	ug/l	96
78) n-propylbenzene	13.029	91	353821	19.063	ug/l	99
79) 2-Chlorotoluene	13.123	91	222328	18.508	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	254733	19.670	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	32037	18.358	ug/l	90
82) 4-Chlorotoluene	13.218	91	228406	19.097	ug/l	97
83) tert-Butylbenzene	13.435	119	202493	18.619	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	257714	19.966	ug/l	97
85) sec-Butylbenzene	13.612	105	289820	19.228	ug/l	100
86) p-Isopropyltoluene	13.723	119	237461	18.956	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	141236	18.722	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	142373	18.208	ug/l	97
89) n-Butylbenzene	14.053	91	191049	17.668	ug/l	100
90) Hexachloroethane	14.329	117	49657	17.305	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	136787	18.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	16940	16.750	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	59711	17.074	ug/l	99
94) Hexachlorobutadiene	15.500	225	33705	18.153	ug/l	98
95) Naphthalene	15.635	128	160720	15.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	59240	16.741	ug/l	99

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

