

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085054.D
 Acq On : 27 Nov 2024 12:55
 Operator : JC\MD
 Sample : VN1127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Quant Time: Nov 28 05:31:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29451	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158864	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	140518	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	72239	30.510	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.700%
60) 4-Bromofluorobenzene	12.847	95	68388	28.265	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.233%
63) Toluene-d8	10.565	98	199101	29.930	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36067	21.056	ug/l	96
3) Chloromethane	2.354	50	37129	18.003	ug/l	98
4) Vinyl Chloride	2.512	62	38329	20.015	ug/l	95
5) Bromomethane	2.912	94	21603	22.225	ug/l	99
6) Chloroethane	3.089	64	25583	20.346	ug/l	97
7) Trichlorofluoromethane	3.483	101	68291	21.958	ug/l	93
8) Diethyl Ether	3.953	74	23761	21.418	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.353	101	39576	22.517	ug/l	99
10) 1,1-Dichloroethene	4.330	96	34948	20.362	ug/l	96
11) Methyl Iodide	4.577	142	50812	21.540	ug/l	96
12) Methyl Acetate	5.024	43	49248	18.408	ug/l	97
13) Acrolein	4.171	56	31226	94.648	ug/l	97
14) Acrylonitrile	5.718	53	88094	100.653	ug/l	98
15) Acetone	4.424	58	25029	111.297	ug/l	99
16) Carbon Disulfide	4.700	76	94836	18.778	ug/l	99
17) Allyl chloride	5.012	41	52730	18.030	ug/l	90
18) Methylene Chloride	5.265	84	40741	20.256	ug/l	93
19) trans-1,2-Dichloroethene	5.783	96	36185	20.114	ug/l	88
20) Diisopropyl ether	6.665	45	124178	21.210	ug/l	96
21) 1,1-Dichloroethane	6.565	63	74070	21.037	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	44172	20.566	ug/l	97
23) tert-Butyl Alcohol	5.542	59	29631	96.976	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	121886	21.960	ug/l	99
25) Chloroform	7.959	83	74963	20.781	ug/l	98
26) Cyclohexane	8.253	56	54643	20.318	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	51079	21.347	ug/l	99
30) 2-Butanone	7.483	43	114539	103.771	ug/l	99
31) 2,2-Dichloropropane	7.483	77	67298	23.040	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	68456	21.058	ug/l	99
33) Carbon Tetrachloride	8.359	117	59980	21.623	ug/l	98
34) Benzene	8.600	78	164188	20.759	ug/l	96
35) Methacrylonitrile	7.771	41	26403	20.183	ug/l	95
36) 1,2-Dichloroethane	8.665	62	57882	22.007	ug/l #	93
37) Trichloroethene	9.347	130	37522	21.030	ug/l	85
38) Methylcyclohexane	9.600	83	54024	20.972	ug/l	97
39) 1,2-Dichloropropane	9.618	63	38513	20.229	ug/l	96
40) Dibromomethane	9.706	93	28134	21.123	ug/l	98
41) Bromodichloromethane	9.883	83	60402	21.154	ug/l	99
42) Vinyl Acetate	6.594	43	435967	105.670	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	41442	17.868	ug/l	95
44) Isopropyl Acetate	8.683	43	100608	21.422	ug/l	97
45) 1,4-Dioxane	9.694	88	12074	385.090	ug/l #	93
46) Methyl methacrylate	9.677	41	35892	19.018	ug/l	89
47) n-amyl Acetate	12.494	43	64954	18.519	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	58378	20.706	ug/l	97
49) cis-1,3-Dichloropropene	10.306	75	64354	21.297	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	37662	21.081	ug/l	95
51) Ethyl methacrylate	10.871	69	53336	19.368	ug/l	96
52) 1,3-Dichloropropane	11.159	76	65014	20.965	ug/l	98
53) Dibromochloromethane	11.359	129	45200	21.619	ug/l	97
54) 1,2-Dibromoethane	11.465	107	36851	20.394	ug/l	95
55) 2-Chloroethyl vinyl ether	10.153	63	121540	90.020	ug/l	98
56) Bromoform	12.576	173	29840	21.293	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	222869	100.535	ug/l	98
59) 2-Hexanone	11.194	43	166599	102.630	ug/l	98
61) Tetrachloroethene	11.100	164	32894	22.367	ug/l	89
62) Toluene	10.624	91	167340	20.909	ug/l	99
64) Chlorobenzene	11.888	112	101215	20.949	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	39699	22.357	ug/l	99
66) Ethyl Benzene	11.959	91	170174	20.232	ug/l	99
67) m/p-Xylenes	12.071	106	133305	41.397	ug/l	99
68) o-Xylene	12.394	106	66202	21.312	ug/l	97
69) Styrene	12.412	104	108145	20.764	ug/l	98
70) Isopropylbenzene	12.694	105	157872	20.459	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	51623	20.640	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	42135m	19.729	ug/l	
73) Bromobenzene	12.976	156	41203	20.703	ug/l	98
74) n-propylbenzene	13.029	91	183357	20.320	ug/l	100
75) 2-Chlorotoluene	13.123	91	120549	20.515	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	136206	20.659	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	17691	20.197	ug/l	96
78) 4-Chlorotoluene	13.218	91	120608	20.315	ug/l	99
79) tert-butylbenzene	13.435	119	111640	20.476	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	140100	21.063	ug/l	96
81) sec-Butylbenzene	13.612	105	157340	20.943	ug/l	99
82) p-Isopropyltoluene	13.723	119	129726	20.550	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	77012	20.923	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	75273	20.696	ug/l	99
85) n-Butylbenzene	14.053	91	109482	20.649	ug/l	99
86) Hexachloroethane	14.329	117	26564	20.576	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	74405	20.514	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10011	20.744	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	38501	21.801	ug/l	99
90) Hexachlorobutadiene	15.500	225	18213	23.610	ug/l	96
91) Naphthalene	15.635	128	110357	19.567	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	38501	21.801	ug/l	99

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

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