

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072524.D
 Acq On : 17 May 2022 00:36
 Operator : JC\MD
 Sample : N2880-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: May 17 07:23:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

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

Internal Standards						
1) Bromochloromethane	7.175	128	22919m	30.000	ug/l	-0.48
28) 1,4-Difluorobenzene	8.716	114	128864	30.000	ug/l	-0.25
57) Chlorobenzene-d5	11.686	117	116460	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.098	65	82522	31.998	ug/l	-0.34
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.667%			
60) 4-Bromofluorobenzene	12.698	95	56632	24.905	ug/l	-0.03
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.000%			
63) Toluene-d8	10.422	98	328	0.052	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 0.167%#			
Target Compounds						
					Qvalue	
13) Acrolein	3.640	56	2202	5.947	ug/l #	1
15) Acetone	4.181	58	138	0.529	ug/l	100
23) tert-Butyl Alcohol	5.734	59	812	1.862	ug/l #	100
25) Chloroform	7.369	83	1357	0.385	ug/l	98
35) Methacrylonitrile	7.228	41	317	0.202	ug/l #	34
36) 1,2-Dichloroethane	8.710	62	5187	1.527	ug/l #	77
42) Vinyl Acetate	6.434	43	41096	8.220	ug/l #	74
44) Isopropyl Acetate	8.557	43	3004	0.647	ug/l #	50
46) Methyl methacrylate	9.575	41	815	0.371	ug/l #	32
48) t-1,3-Dichloropropene	10.710	75	831	0.262	ug/l #	43
52) 1,3-Dichloropropane	11.216	76	1173	0.347	ug/l #	1
55) 2-Chloroethyl vinyl ether	10.316	63	323	0.417	ug/l #	1
56) Bromoform	12.698	173	391	0.220	ug/l #	29
58) 4-Methyl-2-Pentanone	10.316	43	2189	0.798	ug/l #	8
59) 2-Hexanone	11.016	43	4661	2.312	ug/l	93
75) 2-Chlorotoluene	13.080	91	1253	0.201	ug/l	98
77) t-1,4-Dichloro-2-butene	12.704	75	31668	38.024	ug/l #	8
78) 4-Chlorotoluene	13.080	91	1253	0.215	ug/l	98
82) p-Isopropyltoluene	13.598	119	1471	0.203	ug/l	94
83) 1,3-Dichlorobenzene	13.974	146	784	0.217	ug/l	77
84) 1,4-Dichlorobenzene	13.974	146	784	0.223	ug/l	75
85) n-Butylbenzene	13.927	91	2294	0.427	ug/l	94
87) 1,2-Dichlorobenzene	13.974	146	784	0.222	ug/l	76
89) 1,2,4-Trichlorobenzene	15.262	180	1157	0.723	ug/l	93
90) Hexachlorobutadiene	15.362	225	234	0.237	ug/l	71
91) Naphthalene	15.498	128	6641	8.740	ug/l #	87
92) 1,2,3-Trichlorobenzene	15.686	180	1667	1.023	ug/l	88

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

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