

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN071997.D
 Acq On : 14 Apr 2022 15:07
 Operator : JC\MD
 Sample : N2406-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220413004-02-VOA

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

Quant Time: Apr 15 01:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	82406	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	430919	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	384207	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	163488	28.159	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.867%		
60) 4-Bromofluorobenzene	12.727	95	142424	25.001	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	83.333%		
63) Toluene-d8	10.439	98	500931	28.722	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.733%		
Target Compounds						
8) Diethyl Ether	3.822	74	30518	8.985	ug/l	92
15) Acetone	4.293	58	7104m	8.101	ug/l	
23) tert-Butyl Alcohol	5.363	59	239501	220.262	ug/l #	100
34) Benzene	8.457	78	38439	1.774	ug/l #	55
45) 1,4-Dioxane	9.575	88	19990	164.086	ug/l	89
62) Toluene	10.504	91	18912	0.812	ug/l	97
64) Chlorobenzene	11.769	112	169850	11.820	ug/l	99
66) Ethyl Benzene	11.839	91	33020	1.304	ug/l	100
67) m/p-Xylenes	11.951	106	33233	3.374	ug/l	96
68) o-Xylene	12.280	106	28192	2.880	ug/l	95
70) Isopropylbenzene	12.574	105	18810	0.766	ug/l	100
75) 2-Chlorotoluene	13.010	91	9185	0.548	ug/l	91
76) 1,3,5-Trimethylbenzene	13.057	105	5659	0.287	ug/l	89
80) 1,2,4-Trimethylbenzene	13.363	105	25860	1.352	ug/l #	81
84) 1,4-Dichlorobenzene	13.692	146	63990	6.836	ug/l	97
87) 1,2-Dichlorobenzene	13.986	146	5215	0.550	ug/l	96
91) Naphthalene	15.504	128	43778	9.470	ug/l	98

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

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