

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031623\
 Data File : VN077021.D
 Acq On : 16 Mar 2023 15:07
 Operator : JC\MD
 Sample : 01945-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230315025-02-VOA

Quant Time: Mar 17 03:23:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	52798	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	383163	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	423180	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	160435	33.059	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.200%#
60) 4-Bromofluorobenzene	12.854	95	232337	29.009	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.700%
63) Toluene-d8	10.572	98	438369	29.452	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.167%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.966	74	11680	2.961	ug/l	92
23) tert-Butyl Alcohol	5.525	59	5244400	5761.480	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	42542	2.256	ug/l #	62
30) 2-Butanone	7.437	43	195223	47.413	ug/l #	78
34) Benzene	8.607	78	78020	2.820	ug/l #	77
45) 1,4-Dioxane	9.695	88	8003	70.634	ug/l	89
58) 4-Methyl-2-Pentanone	10.442	43	50115	5.862	ug/l #	86
62) Toluene	10.631	91	76858	2.636	ug/l	100
64) Chlorobenzene	11.895	112	13704	0.798	ug/l	96
66) Ethyl Benzene	11.966	91	14025	0.443	ug/l	99
67) m/p-Xylenes	12.072	106	82817	6.906	ug/l	93
68) o-Xylene	12.401	106	49669	4.242	ug/l	89
76) 1,3,5-Trimethylbenzene	13.177	105	17990	0.682	ug/l	93
80) 1,2,4-Trimethylbenzene	13.483	105	60923	2.351	ug/l	95
82) p-Isopropyltoluene	13.736	119	45378	1.780	ug/l	93
84) 1,4-Dichlorobenzene	13.813	146	30983	2.508	ug/l	94
91) Naphthalene	15.648	128	10899	0.508	ug/l #	94

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

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