

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
 Data File : VN056690.D
 Acq On : 12 Jul 2019 15:54
 Operator : JC/SP
 Sample : K3781-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 390711760.3-VOA

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 9:56:19 AM

Quant Time: Jul 13 00:38:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	49580	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	274699	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	229299	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	104546	31.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.77%
60) 4-Bromofluorobenzene	12.40	95	93821	26.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.13%
63) Toluene-d8	10.09	98	323431	30.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.90%

Target Compounds

					Ovalue
8) Diethyl Ether	3.40	74	3684m	1.895	ug/l
15) Acetone	3.81	58	8292m	13.931	ug/l
23) tert-Butyl Alcohol	4.78	59	997345	1658.095	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	13396m	1.436	ug/l
45) 1,4-Dioxane	9.20	88	2453	34.028	ug/l # 83
67) m/p-Xylenes	11.62	106	6543	1.191	ug/l 97
68) o-Xylene	11.94	106	8242	1.538	ug/l 95
70) Isopropylbenzene	12.25	105	5200	0.370	ug/l 98
76) 1,3,5-Trimethylbenzene	12.73	105	4288	0.358	ug/l 93
80) 1,2,4-Trimethylbenzene	13.04	105	4249	0.358	ug/l 90
84) 1,4-Dichlorobenzene	13.36	146	11036	1.882	ug/l 99

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

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