

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080990.D
 Acq On : 09 Feb 2024 15:33
 Operator : JC\MD
 Sample : P1415-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240207098-02-VOA

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 02:03:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	85996	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	469026	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	408149	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	187020	28.942	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.467%		
60) 4-Bromofluorobenzene	12.853	95	174841	28.021	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.400%		
63) Toluene-d8	10.571	98	552637	30.172	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.567%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	7695m	2.373	ug/l	
15) Acetone	4.424	58	60975	120.029	ug/l	96
23) tert-Butyl Alcohol	5.524	59	4313644	5362.209	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	27331m	1.680	ug/l	
34) Benzene	8.612	78	45927	2.151	ug/l #	81
45) 1,4-Dioxane	9.700	88	7420	81.556	ug/l	88
58) 4-Methyl-2-Pentanone	10.441	43	24754	4.672	ug/l #	69
62) Toluene	10.635	91	24975	1.117	ug/l	93
64) Chlorobenzene	11.894	112	9787	0.715	ug/l	92
66) Ethyl Benzene	11.970	91	9490	0.404	ug/l #	88
67) m/p-Xylenes	12.076	106	7337	0.795	ug/l	98
68) o-Xylene	12.406	106	20274	2.241	ug/l	92
70) Isopropylbenzene	12.700	105	11229	0.509	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	8060	0.447	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	16346	1.651	ug/l	98

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

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