Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
Data File : VN077423.D
Acq On : 21 Apr 2023 13:08
Operator : JC\MD
Sample : 02429-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 22 02:40:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 07 13:04:49 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
230419084-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.825	128	55611	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.107	114	394683	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.872	117	404993	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.584	65	139273	29.530	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.433%				
60) 4-Bromofluorobenzene	12.854	95	193505	27.632	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.100%				
63) Toluene-d8	10.572	98	425579	29.892	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.633%				
Target Compounds							Qvalue
8) Diethyl Ether	3.972	74	52718	13.204	ug/l		94
23) tert-Butyl Alcohol	5.525	59	256611m	193.385	ug/l		
24) Methyl tert-Butyl Ether	5.813	73	13671m	0.648	ug/l		
34) Benzene	8.613	78	27373	1.035	ug/l	#	80
45) 1,4-Dioxane	9.695	88	22465	159.043	ug/l	#	75
62) Toluene	10.636	91	23154	0.819	ug/l		98
64) Chlorobenzene	11.895	112	163762	9.539	ug/l		100
66) Ethyl Benzene	11.966	91	236224	7.546	ug/l		98
67) m/p-Xylenes	12.072	106	60101	4.898	ug/l		99
68) o-Xylene	12.401	106	45796	3.731	ug/l		100
70) Isopropylbenzene	12.701	105	34938	1.121	ug/l		95
74) n-propylbenzene	13.036	91	18813	0.546	ug/l		96
76) 1,3,5-Trimethylbenzene	13.177	105	10543	0.416	ug/l		90
80) 1,2,4-Trimethylbenzene	13.489	105	45511	1.841	ug/l		97
82) p-Isopropyltoluene	13.736	119	13679	0.542	ug/l		93
84) 1,4-Dichlorobenzene	13.813	146	111481	9.575	ug/l		99
87) 1,2-Dichlorobenzene	14.113	146	9009	0.766	ug/l		95
91) Naphthalene	15.589	128	60406	3.418	ug/l		98

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

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