Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
Data File : VN072644.D
Acq On : 26 May 2022 21:54
Operator : JC\MD
Sample : N3073-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 27 05:36:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 27 05:07:24 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
220525033-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.651	128	30924	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	173266	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	148906	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	88952	30.061	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.200%			
60) 4-Bromofluorobenzene	12.727	95	71397	27.302	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.000%			
63) Toluene-d8	10.439	98	257545	30.418	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.400%			
Target Compounds						Qvalue
15) Acetone	4.275	58	138514	341.790	ug/l #	51
23) tert-Butyl Alcohol	5.351	59	1317957	2494.172	ug/l #	100
24) Methyl tert-Butyl Ether	5.604	73	6920	0.967	ug/l #	55
30) 2-Butanone	7.328	43	393507	178.339	ug/l #	91
34) Benzene	8.451	78	5929	0.576	ug/l #	1
62) Toluene	10.498	91	7019	0.671	ug/l	92
64) Chlorobenzene	11.768	112	1997	0.329	ug/l #	65
66) Ethyl Benzene	11.839	91	13540m	1.174	ug/l	
67) m/p-Xylenes	11.951	106	4488	1.071	ug/l	96
68) o-Xylene	12.274	106	3011	0.722	ug/l	99
80) 1,2,4-Trimethylbenzene	13.363	105	3085	0.380	ug/l #	83
82) p-Isopropyltoluene	13.615	119	2371	0.287	ug/l	78
84) 1,4-Dichlorobenzene	13.686	146	2384	0.604	ug/l	99
91) Naphthalene	15.498	128	55712	8.020	ug/l	100

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

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