Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
Data File : VN072789.D
Acq On : 11 Jun 2022 14:53
Operator : JC\MD
Sample : N3283-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 13 01:19:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
220608036-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.657	128	33494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	203953	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	173010	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	127250	33.312	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.033%#			
60) 4-Bromofluorobenzene	12.727	95	97216	27.320	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.067%			
63) Toluene-d8	10.439	98	306116	31.940	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 106.467%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.440	62	784	0.319	ug/l	95
8) Diethyl Ether	3.822	74	3811m	2.210	ug/l	
15) Acetone	4.281	58	116285	230.771	ug/l #	43
22) cis-1,2-Dichloroethene	7.322	96	794	0.265	ug/l #	27
23) tert-Butyl Alcohol	5.357	59	1885185	2176.706	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	28859m	2.932	ug/l	
30) 2-Butanone	7.328	43	401143	142.571	ug/l #	87
34) Benzene	8.457	78	40267	3.501	ug/l #	66
45) 1,4-Dioxane	9.563	88	5690	77.432	ug/l #	77
58) 4-Methyl-2-Pentanone	10.328	43	16299	3.141	ug/l #	83
62) Toluene	10.504	91	35526	3.028	ug/l	98
64) Chlorobenzene	11.769	112	13328	1.866	ug/l	99
66) Ethyl Benzene	11.839	91	100824	7.486	ug/l	98
67) m/p-Xylenes	11.945	106	32195	6.554	ug/l	90
68) o-Xylene	12.280	106	20345	4.060	ug/l	88
70) Isopropylbenzene	12.574	105	9893m	0.755	ug/l	
74) n-propylbenzene	12.916	91	4971	0.332	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	5909	0.550	ug/l	100
82) p-Isopropyltoluene	13.616	119	9639	0.932	ug/l	94
84) 1,4-Dichlorobenzene	13.692	146	13709	3.030	ug/l	96
91) Naphthalene	15.504	128	195170	21.045	ug/l	99

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

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