Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
Data File : VN072792.D
Acq On : 11 Jun 2022 16:55
Operator : JC\MD
Sample : N3283-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 01:20:28 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

06/13/2022
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06/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.651	128	33395	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.963	114	199446	30.000	ug/l	#	0.00
57) Chlorobenzene-d5	11.739	117	172376	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.434	65	125105	32.848	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.500%				
60) 4-Bromofluorobenzene	12.727	95	97592	27.527	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.767%				
63) Toluene-d8	10.439	98	297479	31.153	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.833%				
Target Compounds							Qvalue
3) Chloromethane	2.293	50	642	0.236	ug/l		91
4) Vinyl Chloride	2.434	62	1083	0.442	ug/l	#	77
8) Diethyl Ether	3.822	74	3526	2.051	ug/l		77
15) Acetone	4.275	58	67864m	135.077	ug/l		
16) Carbon Disulfide	4.528	76	2285	0.411	ug/l	#	73
23) tert-Butyl Alcohol	5.357	59	1911606	2213.756	ug/l	#	100
24) Methyl tert-Butyl Ether	5.610	73	27794m	2.832	ug/l		
30) 2-Butanone	7.328	43	388321	141.133	ug/l	#	87
34) Benzene	8.451	78	39195	3.485	ug/l	#	47
45) 1,4-Dioxane	9.569	88	5854	81.464	ug/l	#	78
58) 4-Methyl-2-Pentanone	10.322	43	15783	3.053	ug/l	#	87
62) Toluene	10.504	91	34712	2.970	ug/l		96
64) Chlorobenzene	11.769	112	13268	1.865	ug/l		95
66) Ethyl Benzene	11.839	91	101719	7.580	ug/l		98
67) m/p-Xylenes	11.951	106	32446	6.629	ug/l		85
68) o-Xylene	12.274	106	21203	4.246	ug/l		94
70) Isopropylbenzene	12.574	105	11726	0.899	ug/l		97
74) n-propylbenzene	12.916	91	5612	0.376	ug/l		96
76) 1,3,5-Trimethylbenzene	13.051	105	6611	0.617	ug/l		100
82) p-Isopropyltoluene	13.616	119	10882	1.056	ug/l		93
84) 1,4-Dichlorobenzene	13.692	146	14464	3.208	ug/l		96
89) 1,2,4-Trichlorobenzene	15.257	180	1110	0.479	ug/l	#	78
91) Naphthalene	15.504	128	208696	22.587	ug/l		99
92) 1,2,3-Trichlorobenzene	15.698	180	1889m	0.802	ug/l		

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

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