Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070161.D
Acq On : 17 Dec 2021 13:50
Operator : JC/MD
Sample : M5131-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
211215028-VOA-02

Quant Time: Dec 18 05:30:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 14 00:59:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.659	128	180886	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.968	114	1039411	30.000	ug/l	#	0.00
57) Chlorobenzene-d5	11.746	117	950799	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.440	65	509826	31.804	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.000%				
60) 4-Bromofluorobenzene	12.733	95	435092	27.810	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.700%				
63) Toluene-d8	10.443	98	1322305	30.095	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.300%				
Target Compounds							Qvalue
15) Acetone	4.288	58	2345128	880.573	ug/l		79
16) Carbon Disulfide	4.521	76	130236	4.188	ug/l		99
23) tert-Butyl Alcohol	5.385	59	12069198	5202.086	ug/l	#	100
24) Methyl tert-Butyl Ether	5.621	73	87776	2.395	ug/l	#	59
30) 2-Butanone	7.337	43	15365200	1247.855	ug/l	#	89
34) Benzene	8.461	78	95246	1.800	ug/l	#	38
36) 1,2-Dichloroethane	8.533	62	19854	0.951	ug/l		97
45) 1,4-Dioxane	9.574	88	32805	134.657	ug/l	#	61
58) 4-Methyl-2-Pentanone	10.333	43	519001	23.782	ug/l	#	93
62) Toluene	10.505	91	240883	4.308	ug/l		98
64) Chlorobenzene	11.771	112	39857	1.201	ug/l		97
66) Ethyl Benzene	11.846	91	195315	3.142	ug/l		100
67) m/p-Xylenes	11.950	106	96954	4.269	ug/l		93
68) o-Xylene	12.280	106	64018	2.849	ug/l		95
69) Styrene	12.291	104	33270	0.908	ug/l	#	80
70) Isopropylbenzene	12.578	105	37410	0.635	ug/l		98
74) n-propylbenzene	12.921	91	24548	0.359	ug/l		97
76) 1,3,5-Trimethylbenzene	13.058	105	21859	0.451	ug/l		98
80) 1,2,4-Trimethylbenzene	13.369	105	75831	1.619	ug/l	#	81
81) sec-Butylbenzene	13.503	105	12801	0.218	ug/l		68
82) p-Isopropyltoluene	13.616	119	88802	1.900	ug/l		94
83) 1,3-Dichlorobenzene	13.613	146	6863	0.297	ug/l		91
84) 1,4-Dichlorobenzene	13.694	146	54888	2.466	ug/l		97
85) n-Butylbenzene	13.943	91	19440	0.498	ug/l		95
87) 1,2-Dichlorobenzene	13.994	146	11921	0.536	ug/l		96
89) 1,2,4-Trichlorobenzene	15.262	180	18341	1.773	ug/l		98
91) Naphthalene	15.507	128	1039503	35.224	ug/l		99
92) 1,2,3-Trichlorobenzene	15.705	180	20823	2.131	ug/l		95

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

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